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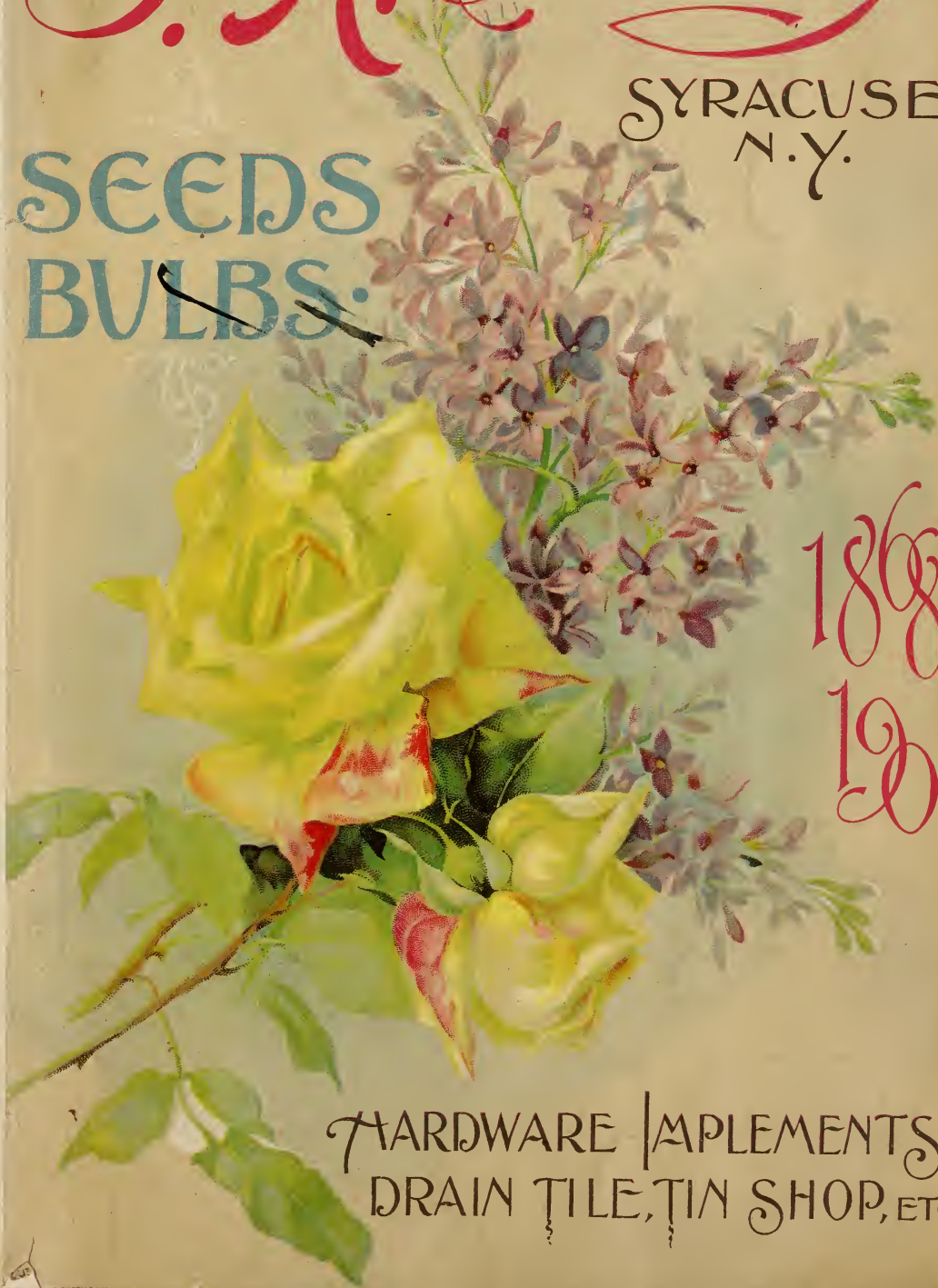
F. H. Ebeling

SYRACUSE,
N.Y.

SEEDS
BULBS:

1868
1901

HARDWARE | IMPLEMENTS,
DRAIN TILE, TIN SHOP, ETC.



Ebeling's Danish Cabbage.

The greatest shipper and keeper on the market. We have a very fine stock of this celebrated seed which is imported direct from the grower in Denmark for our trade. I have had this same strain for years. There is none equal to it.

Price, \$3.00 per lb.

SOME FACTS ABOUT

Ebeling's Telephone Peas.

G. G. Hitchings of South Onondaga, the largest and most successful pea grower in this section, says this about our improved strain of Telephone Peas: "I can honestly say that your strain of Telephone Peas have the *most vigorous vines*. Are true to name, and are fine yielders" The year previous Mr Hitchings said: "I picked two hundred and five bushels from a single picking from one acre." We have the same stock of Telephone Peas to offer this year."

PRICE, \$4.25.



DANISH BALL HEAD CABBAGE.

EBELING'S SNOWBALL CAULIFLOWER.

This is the choicest strain of seed obtainable and is grown for us in the best cauliflower growing section in the world. We have had this strain for years and our stock has just been received from our grower abroad

PRICE, \$3.00 PER OUNCE.

For a fine field of our celery, grown by Dixon Bros. see page 4.

AMERICAN STEEL WOVEN WIRE FENCING.

Strong, Efficient, Durable, Economical. All that the Farmer requires of his Fences.

We are sole agents for this celebrated fencing. Best and cheapest and far ahead of any fencing you can put up. It is "*The Fence That Fences*" and "*Once Up, Stays Up*." See page 57.

HARDWARE DEPARTMENT.

We have recently enlarged our business by adding an increased line of fine Hardware. This was done in response to the constant and increasing demand for Hardware, and you will now be able to secure everything in Farmers', Mechanics' and Builders' Hardware from a clean fresh stock at prices that will be reasonable. We ask your patronage.

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1868—THIRTY-THIRD YEAR—1901.

For thirty-three years this house has been located in the same block, having been established in 1868 by Mr. A. D. Perry. We are pleased to announce that never before have we been better able to meet the requirements of our trade than at the present time. **This firm is the only strictly seed-house in Central New York.** Importing the finest and choicest varieties of **Flower and Garden Seeds**—as well as dealing in all the more common sorts of field and garden seeds, implements, drain tile, hardware, etc., and which this catalogue will more fully explain.

SEEDS.—Our stock of Seeds for 1901 have been most carefully selected—the best only being used for our trade. Our best possible care, skill and attention is devoted to this our special line of business.

HARDWARE.—In response to the constant and increasing demand we have added a large line of Farmers, Mechanics and Builders **HARDWARE** and Glass to our store.

Your patronage is earnestly solicited.

We herewith present our Thirteenth Annual Illustrated Catalogue containing a list of Seeds and things necessary for the Farm, Garden, Lawn, Greenhouse, Dairy, Poultry Yard, Hardware, etc., also call special attention to our Hardware Stock and Tin Shop. Everything in the line of Tin and Galvanized Iron Work is promptly done. We are better prepared than ever to meet the full requirements of our trade, and thank our many friends for past favors and generous patronage.

Etabliert 33 Jahre.

Wir übergeben dem geehrten Publikum hiermit unseren 30sten jährlichen Catalog für das Jahr 1901. Derselbe enthält eine vollkommene Liste ausserlesenen Sorten frischer Garten-, Feld- und Blumen-Samen, sowie von allen Artikeln, welche für den Landbau, Garten, Allee, Treibhaus, Hühnerhof u. s. w. nöthig sind. In Verbindung mit unserem Laden haben wir auch für die Bequemlichkeit unserer Kunden eine Blech- und Klempner-Werkstätte eingerichtet, auch besorgen wir galvanisirte Eisenarbeit. Dreiunddreißig Jahre war unser Geschäftsaus in ein und demselben Häusergeviert lokalisiert; gegründet wurde dasselbe im Jahre 1868. Dies ist das einzige wirkliche Samen-Geschäft in Central New York. Wir importiren die besten und seltensten Samenarten vom Auslande, eigens von Sachverständigen für unseren Laden ausserlesen. Wir halten auch Ackerbau-Geräthschaften, Eisenwaaren (Hardware), Handwerkszeug, Drainir-Ziegeln u. s. w. stets auf Lager. Alles Nähere besorgt dieser Catalog. Herr Ebeling, der Eigenthümer, macht es sich zur besonderen Aufgabe, alle seine werthen deutschen Kunden in ihrer Muttersprache zu bedienen und ist es sein stetes Bestreben, durch freundliche und zuvorkommende Bedienung ihre Kundschaft und ihr Wohlwollen zu erwerben und zu erhalten.

Achtungsvoll zeichnet,

F. H. Ebeling,

217 Warrenstraße, Syracuse, N. Y. (dem neuen Postamt gegenüber.)

USEFUL TABLES.

| Seed Sown per Acre. | Wt per bu. | Seed Sown per Acre. | Wt per bu. | Seed Sown per Acre. | Wt per bu. |
|---|------------|---|--------------|---|------------|
| Ed Sown per Acre. | | Millet, $\frac{1}{2}$ to $\frac{3}{4}$ bush..... | 50 lbs | Peas, $2\frac{1}{2}$ to bush..... | 60 lbs |
| Perennial, $\frac{1}{4}$ to $\frac{1}{2}$ bush..... | 44 lbs | Hungarian, $\frac{1}{2}$ to $\frac{3}{4}$ bush..... | 48 lbs | Beans, 1 to $1\frac{1}{2}$ bush..... | 62 lbs |
| Alfalfa, 30 lbs..... | 60 lbs | Wheat, 2 bush..... | 60 lbs | Pumpkin Seed, 2 qt..... | 27 lbs |
| Over, Red, 10 to 15 lbs..... | 60 lbs | Buckwheat, $\frac{1}{2}$ to 1 bush..... | 48 to 50 lbs | Turnip, 1 lb..... | |
| Over, Aiski, 5 to 10 lbs..... | 60 lbs | Rye, 1 to 2 bush..... | 56 lbs | Spinach, 8 lbs..... | 42 lbs |
| Over, Crimson, 15 lbs..... | 60 lbs | Oats, 2 to 3 bush..... | 32 lbs | Beet, 4 to 6 lbs..... | |
| Infinoi, 20 lbs..... | 60 lbs | Oats, Winter, $1\frac{1}{2}$ bush..... | 32 lbs | Squash, $2\frac{1}{2}$ lbs. per acre..... | |
| 1 Top, 2 to $2\frac{1}{2}$ bush..... | 14 lbs | Barley, 2 bush..... | 48 lbs | Parsnips, 3 to 5 lbs..... | |
| Hard Grass, 2 bush..... | 14 lbs | Flax Seed, 6 qt..... | 56 lbs | Cabbage, $\frac{1}{2}$ lb..... | |
| Over, 2 bush..... | 14 lbs | Corn, $\frac{1}{2}$ bush..... | 56 to 60 lbs | Cucumber, 1 lb..... | |
| Low Sand Clover, 15 lbs..... | 60 lbs | Potatoes, 6 bush..... | 62 lbs | Carrot, $2\frac{1}{2}$ to 3 lbs..... | 20 lbs |
| White Clover, 6 to 10 lbs..... | 60 lbs | Sweet Corn, $\frac{1}{4}$ bush..... | about 45 lbs | Onion, 5 to 6 lbs..... | 56 lbs |
| Set Vernal, 1 to $1\frac{1}{2}$ bush..... | 10 lbs | | | | |



Eclipse Beet.

ASPARAGUS, *Spargel*.

| | Per oz. | Per lb. |
|---|---------|---------|
| Barr's Mammoth..... | \$ 10 | \$ 65 |
| Palmetto | 10 | 65 |
| Conover's Colossal..... | 10 | 40 |
| Asparagus Roots of the above varieties per 100..... | 1 00 | |
| Special prices for quantities. | | |

BET, *Runkel Rube*.

| | Per oz. | Per lb. |
|---|---------|---------|
| Detroit Dark Red Turnip..... | \$ 10 | \$ 65 |
| Crosby's Egyptian early forcing..... | 10 | 65 |
| Edmand's Ex. Early..... | 10 | 65 |
| Early Bastian or Lentz..... | 10 | 65 |
| Eclipse Beet..... | 10 | 65 |
| Bassano, early..... | 10 | 65 |
| Egyptian Turnip, extra early..... | 10 | 65 |
| Dewing's Ex. early Blood Turnip..... | 10 | 65 |
| Lentz or Bastian..... | 10 | 65 |
| Improved Long Blood..... | 10 | 50 |
| Mammoth Long Red Mangel..... | 10 | 20 |
| Yellow Mammoth or Intermediate..... | 10 | 20 |
| Yellow Ovoid Giant..... | 10 | 20 |
| Yellow Globe Mangel..... | 10 | 20 |
| Klein Wanzleben..... | 10 | 35 |
| Vilmorin's Impd. Imperial Sugar..... | | 20 |
| Golden Tankard Sugar..... | 10 | 25 |
| Taber's Gate Post, new mangel..... | 10 | 30 |
| Swiss Chard, for greens..... | 10 | 60 |

BEANS, (Bush) *Garten Bohne*.

| | Per qt. | Per bu. |
|------------------------------------|---------|---------|
| Golden Wax, improved | \$ 25 | \$6 00 |
| Davis Wax..... | 25 | 6 00 |
| Ferry's Detroit Wax..... | 25 | 6 00 |
| Wardwell's Kidney Wax..... | 25 | 7 00 |
| White Wax, flat yellow pods..... | 25 | 6 00 |
| Black Wax, yellow pods..... | 25 | 6 00 |
| Golden Eyed Wax..... | 25 | 6 00 |
| Early Long Yellow, six weeks..... | 25 | 6 00 |
| Dwarf Horticultural..... | 30 | 6 00 |
| Improved Valentine | 25 | 7 00 |
| Mohawk, one of the earliest..... | 30 | 5 00 |
| China Red Eye..... | 20 | 5 00 |
| Boston Yellow Eye..... | 20 | 4 50 |
| Refugee Pickling Beans..... | 25 | 5 50 |
| Improv'd Refugee or 1000 to 1..... | 25 | 5 50 |
| White Kidney..... | 20 | 3 00 |
| White Marrow..... | 20 | 3 00 |

BEANS, (Pole or runners.)

| | Per qt. | Per bu. |
|---|---------|---------|
| Dreer's Golden Cluster..... | | |
| Wax..... | \$ 30 | \$7 00 |
| Black Wax, yellow pods..... | 30 | 7 00 |
| Lazy Wife, pole..... | 30 | 7 00 |
| Burpee's Bush, Lima, large..... | 40 | 9 00 |
| Early Jersey, Lima, new..... | 30 | 7 00 |
| King of the Garden Lima..... | 30 | 7 00 |
| Siebert's Early Lima..... | 30 | 6 00 |
| Cranberry Speckled or Wrens Egg..... | 30 | 6 00 |
| Case Knife, white, flat..... | 30 | 6 00 |
| Scarlet Runner..... | 40 | 8 00 |
| White Dutch Runner..... | 40 | 8 00 |
| Onondaga Pole..... | 25 | 6 00 |
| Broad Windsor..... | 40 | |

BORECOLE or Kale. See Kale or Blätterkohl.

| | Per oz. | Per lb. |
|---------------------------------------|---------|---------|
| Green Curled or Kale | \$ 20 | \$ 75 |
| Purple or Brown Kale | 15 | 75 |

BRUSSELS SPROUTS.

| | Per oz. | Per lb. |
|-------------------------|---------|---------|
| <i>Rosen Kohl</i> | | |
| Dwarf, Fine French..... | \$ 20 | \$2 00 |

BIRD SEED, Etc.

| | Per lb. | 3 lbs. for |
|---------------------------|---------|------------|
| Canary, best quality..... | 10 cts. | 25 cts. |
| Parrot Seed..... | 10 " | " |
| Hemp, re-cleaned..... | 10 " | " |
| Unhulled Rice..... | 10 " | " |

BIRD SEED, Etc.

| | Per lb. | 3 lbs. for |
|----------------|---------|------------|
| Sunflower..... | 10 cts. | 25 cts. |
| Rape..... | 10 " | " |
| Millet..... | 10 " | " |
| Maw..... | 25 " | " |

Bei uns wird Deutsch gesprochen.

CABBAGE, Kopf-Kohl.

| | Per oz. | Per lb. |
|--|---------|---------|
| Early Spring, large flat head..... | \$0 25 | \$3 00 |
| Brill's Extra Early Eureka..... | 25 | 3 00 |
| Henderson, early summer..... | 25 | 2 00 |
| Winingstadt, hard early..... | 25 | 2 00 |
| Early Jersey, Wakefield..... | 25 | 3 00 |
| Early Ox Heart, French..... | 25 | 2 00 |
| Sure Head Cabbage..... | 25 | 2 00 |
| Filderkraut..... | 25 | 2 00 |
| Succession , Long Island grown..... | 25 | 3 00 |
| Excelsior White Dutch, sec p. 13.. | 25 | 3 00 |
| Perry's Premium Brunswick | 25 | 2 50 |
| Fotler's Brunswick..... | 25 | 2 00 |
| All Seasons..... | 25 | 2 00 |

| | | |
|---|----|------|
| Danish Ball Head , Imp. | 30 | 3 00 |
| Hollander | 30 | 3 00 |
| Gregory's All Season..... | 25 | 2 50 |
| Extra Flat Dutch..... | 25 | 1 50 |
| Perry's Premium Flat Dutch..... | 25 | 2 50 |
| Drumhead (Improved)..... | 25 | 2 00 |
| Stonemason Drumhead..... | 25 | 2 50 |
| Marblehead Mammoth..... | 20 | 1 50 |
| Warren Stonemason | 30 | 2 50 |
| Early Dark Red, pointed.. | 25 | 2 50 |
| Red Dutch, "Erfurt"..... | 25 | 3 00 |
| Large Dark Red Drumhead..... | 25 | 3 00 |
| Large Auber Savoy, new.. | 25 | 3 00 |
| Globe Savoy, new..... | 25 | 3 00 |
| Victoria 'Savoy..... | 30 | 3 00 |

CHOICE CAULIFLOWER SEED.

This we import annually from the same growers and for years have not had a failure. It will produce a greater number of perfect heads than any other strain of cauliflower we ever saw. Of all the varieties that have been tried in this market *our strain of Erfurt and Snowball have given the best satisfaction.* We have our usual stock of Erfurt, also Snowball and Half Early Paris. We assure you the quality is always the same and no cheap seed offered you in its place. There is no better cauliflower seed in the market, even if you pay fancy prices to others. Our price is \$3.00 per ounce.

John Cathers, one of the leading cauliflower growers in this section, has used our strain of Erfurt Cauliflower for years and says it is without equal. A sure header, a fine ylelder and a money maker.

**Don't Forget Our
New Hardware Department.**

Bargains in Plows. Bone Mills and Poultry Supplies. See last pp.



EARLY JERSEY WAKEFIELD.



PERRY'S PREMIUM BRUNSWICK, SHORT STEM.



TRUE ERFURT CAULIFLOWER.

CAULIFLOWER, Blumen-Kohl.**Ebeling's Snowball**, extra small

leaf, fine large head.....\$3 00

Ebeling's Dwarf, Erfurt, first

quality, true.....3 00

Half Early Paris, large heads.....75



A field of our White Plume and Paris Golden Celery grown by Dixon Brothers of Salina.

Richard Branson, a market gardener near Eastwood (north of canal), says: "The seeds I bought of you last year were the best I ever had. The celery and cauliflower were exceptionally fine and gave perfect satisfaction. I am coming in soon and purchase my seeds for this year."



WHITE PLUME CELERY.

CELERY, *Sellerie*.

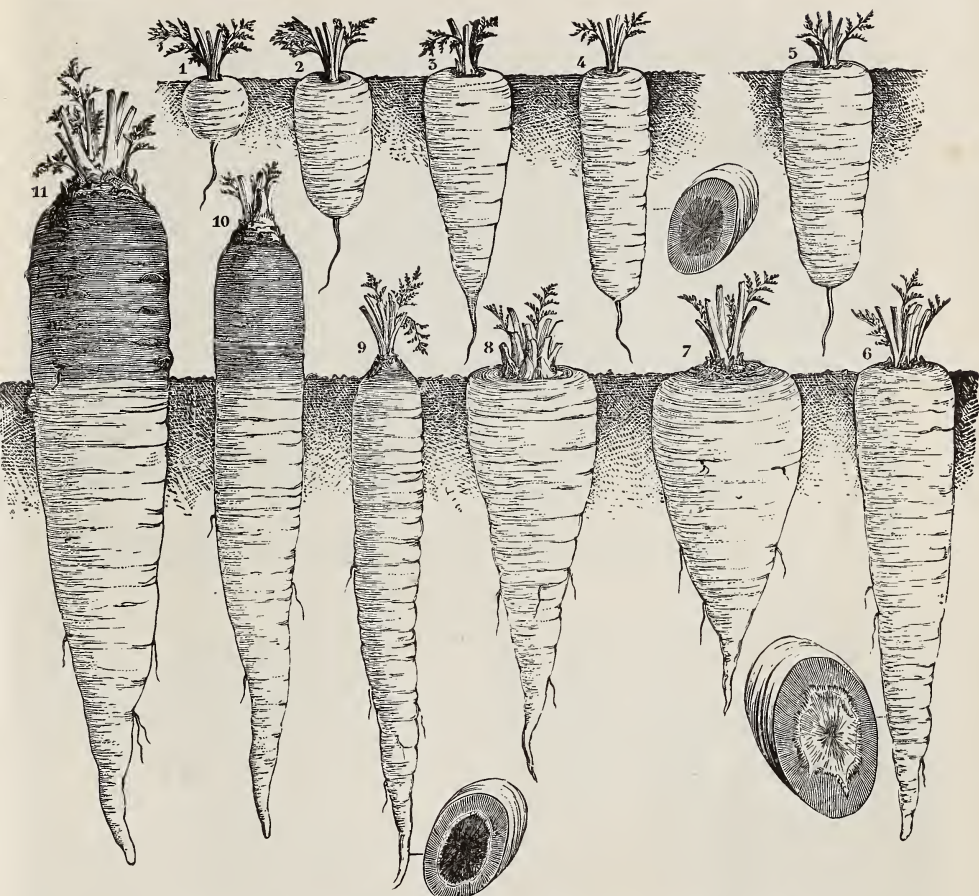
| | Per oz. | Per lb. |
|--|---------|---------|
| Evans' Triumph, best late..... | \$ 30 | \$ 3 00 |
| Henderson's Pink Plume, new, crisp.. | 30 | 3 00 |
| White Plume or Self-Blanching, best.. | 30 | 2 00 |
| White Giant, solid..... | 20 | 2 00 |
| Sandringham Dwarf, white..... | 20 | 2 00 |
| Kalamazoo, large ribbed, white..... | 30 | 1 50 |
| Paris Golden Yellow, large, self-blanching | 40 | 3 50 |
| Giant Pascal, large ribbed..... | 20 | 2 00 |
| Boston Market..... | 20 | 2 00 |
| New Rose..... | 30 | 3 00 |
| Perfection Hartwell..... | 30 | 3 00 |
| Golden Heart Half Dwarf..... | 20 | 2 00 |
| Geleriac, Root Celery, apple shape .. | 25 | 3 00 |
| Soup | 06 | 40 |

CHICCORY, *Chichorie*.

| | | |
|------------------------------------|----|------|
| Improved Large Leaves for Greens.. | 15 | 1 00 |
| Large Rooted for Coffee..... | 15 | 1 00 |

Good Seed and Fertilizer make Fine Lawns. We can supply both.
Plant Onions among your currant bushes to keep off worms.

BUY YOUR HARDWARE OF US. PRICES CORRECT.



THIS CUT SHOWS THE TRUE SHAPE OF CARROTS.

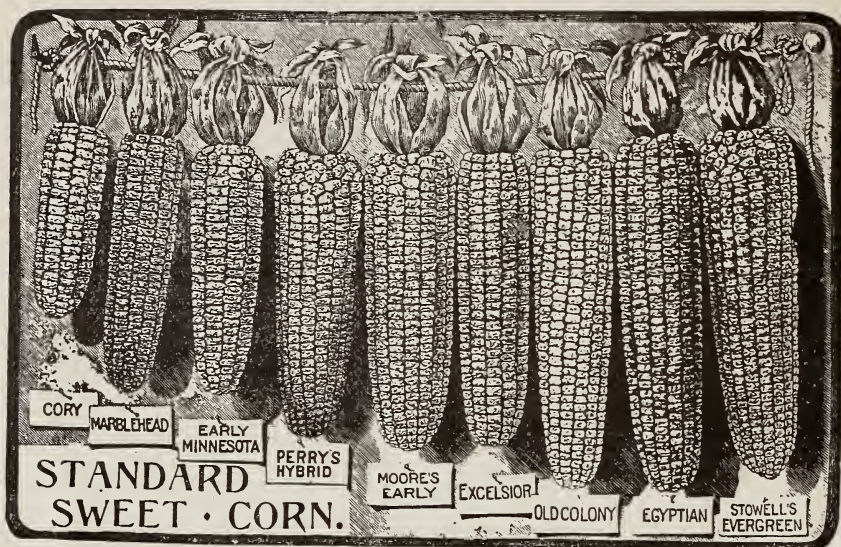
CARROTS, Gelbe Rüben.

| | Per oz. | Per bu. |
|---|---------|---------|
| Oxheart, (or Guerande)..... | \$ 10 | \$ 75 |
| 1. Early Forcing, nearly round..... | 10 | 75 |
| 2. Early Horn..... | 10 | 65 |
| 3. Half Long Scarlet, pointed..... | 10 | 65 |
| 4. Half Long Nantes..... | 10 | 65 |
| 5. Half Long Danvers..... | 10 | 60 |
| 6. Long Orange, below ground..... | 10 | 60 |
| 7. Large White Vosges, for cattle..... | 10 | 60 |
| 8. Half Long pointed, St. James' new..... | 10 | 65 |
| 9. Altringham, red for butter..... | 10 | 50 |
| 10. Long Orange, green top..... | 10 | 60 |
| 11. Large White Belgium..... | 10 | 60 |
| 12. Chantenay Half Long..... | 10 | 60 |
| 13. Meaux Long, red, stump rooted, smooth..... | 10 | 60 |
| "Luc" Half Long stump rooted, fine for main crop, very productive | 10 | 1 00 |

USE OUR GROUND BONE, SHEEP FERTILIZER AND LAWN SEED.

GLASS, PUTTY, HARDWARE AND TIN SHOP.

Bei uns wird Deutsch gesprochen

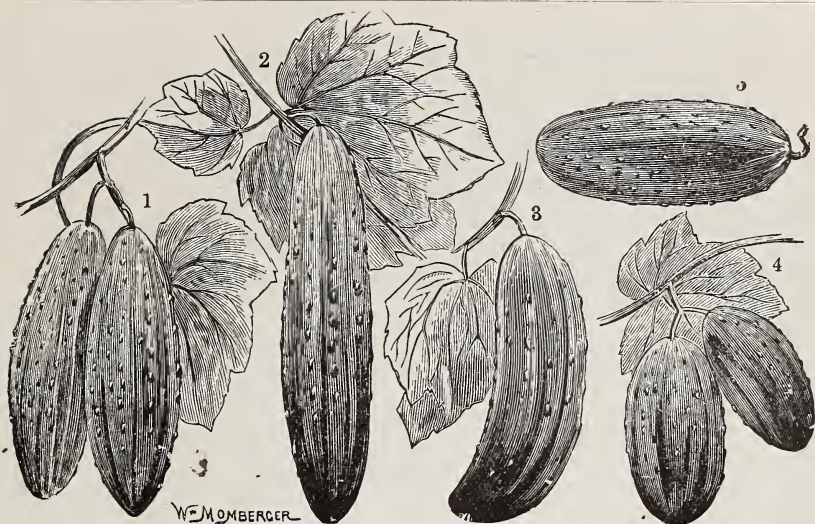


Add 16 cents per quart by mail.

| | Per qt. | Per bu. |
|--|---------|---------|
| Early Evergreen, 18 rows, pp. 13..... | \$ 20 | \$3 50 |
| Cory Red, earliest..... | 20 | 3 00 |
| Cory White..... | 20 | 3 00 |
| Ne Plus Ultra, new, small, very sweet..... | 20 | 3 00 |
| Mammoth White Cory, 12 row, new..... | 25 | 4 00 |
| Marblehead, extra early..... | 20 | 3 00 |
| Early Monarch, early, 12 row..... | 20 | 3 00 |
| Perry's Hybrid, large, early, 12-rowed..... | 20 | 3 00 |
| Early Minnesota..... | 20 | 3 00 |
| Crosby Early..... | 20 | 3 00 |
| Ballard's Red Cob..... | 20 | 3 00 |
| Moore's Early Concord..... | 20 | 3 00 |
| Asylum, large, fine..... | 20 | 3 00 |
| Shaker's, large, early..... | 20 | 3 00 |
| Egyptian, large, late..... | 20 | 3 00 |
| Stowell's Evergreen, extra fine, true..... | 20 | 2 00 |
| Shoe Peg Evergreen, Ne Plus ultra..... | 20 | 3 00 |
| Country Gentlemen..... | 20 | 3 00 |
| Mexican Black..... | 20 | 3 00 |
| Hicox's Improved Sugar..... | 20 | 3 00 |
| Potter's Excelsior..... | 20 | 3 00 |
| Mammoth Sugar..... | 20 | 3 00 |
| Pice Pop Corn..... | 5c lb. | |
| Angel of Midnight Corn..... | | 1 50 |
| Eight-Rowed Yellow..... | | 1 25 |
| Pride of the North..... | | |
| Leaming, Early Fodder Corn..... | | |
| Our Genuine "Sou" Fodder Corn..... | | |
| Evergreen Sweet Corn for Fodder..... | | |
| | 1 00 | 1 50 |
| | Per oz. | Per lb. |
| CORN SALAD, Ackersalat. Large Round Leaved or Small Seeded..... | \$ 15 | \$1 00 |
| CHERVIL, Gartenkerbel. Curled..... | 20 | 2 00 |
| CRESS OR PEPPERGRASS, Kresse, | | |
| Cress, Garden Curled..... | 10 | 1 00 |
| Water Cress..... | 20 | 2 00 |
| Dwarf, Fine Curled..... | 10 | 1 00 |

SPECIAL PRICE ON SEED FOR CASH. BARGAINS IN PLOWS.

HARDWARE, GLASS, PUTTY AND MASTIC.



GROUP OF CUCUMBERS.

THE ABOVE SHOWS THE TRUE TYPE OF CUCUMBERS.

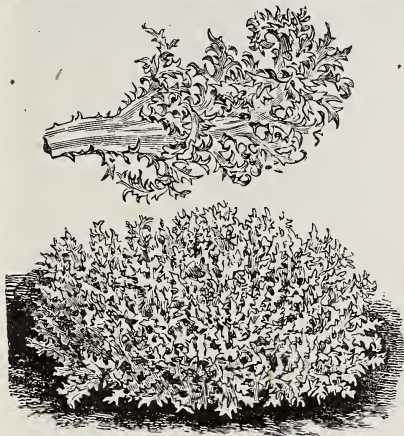
□ No. 1, Early Cluster; 2, Long Green; 3, Early Frame; 4, Early Russian; 5, White Spine.

CUCUMBER, Gurke.

| | Per oz. | Per lb. |
|----------------------------------|-----------|---------|
| Fordhook White Spine..... | \$ 10 | \$ 50 |
| Green Prolific, extra early..... | 10 | 50 |
| Early Russian..... | 10 | 50 |
| Early Frame..... | 10 | 50 |
| Early Cluster..... | 10 | 50 |
| White Spine, Improv'd ext. stock | 10 | 50 |
| Early Boston Market, ext. stock | 10 | 50 |
| Long Green..... | 10 | 50 |
| London, or Extra Long Green.. | 10 | 50 |
| Burpee's White Wonder, new.... | 25 | 75 |
| Parisian Long white Ridge..... | per pkt., | 10 |
| Giant Pera..... | " | 20 |
| Telegraph per doz. seed..... | " | 25 |
| West India Gherkin..... | " | 25 |

EGG PLANT, Eirpflanze.

| | Per oz. | Per lb. |
|-----------------------------|---------|---------|
| Large Purple Egg plant..... | \$ 35 | 3 00 |
| New York Improved..... | 35 | 3 00 |
| Black Pekin..... | 30 | 3 00 |



ENDIVE.

ENDIVES, Endivien.

| | | |
|-------------------------------|----|------|
| Green Curled Winter..... | 20 | 2 00 |
| Fine Curled Summer..... | 20 | 1 50 |
| Broad Leaf (or Escarola)..... | 20 | 1 50 |

GARLIC, Knoblauch.....Sets 20 80**HERBS.** See last Vegetable page.**KALE, or Borecole.** See Borecole.

| | | |
|--------------------------------------|----|----|
| Green Curled..... | 15 | 85 |
| Siberian Curled (German Greens)..... | 15 | 75 |

KOHL RABI.

| | | |
|--------------------------|----|------|
| White, above ground..... | 25 | 2 00 |
| Purple, " "..... | 25 | 3 00 |

LEEK, Lauch

| | | |
|-------------------------|----|------|
| London, broad flag..... | 35 | 2 00 |
| Large Rouen..... | 25 | 2 00 |
| Lentils (Linsen)..... | 10 | 50 |



KOHL RABI.

PATRONIZE OUR NEW HARDWARE DEPARTMENT AND TIN SHOP.

Bei uns wird Deutsch gesprochen.

LETTUCE, *Salat*.

| | Per oz. | Per lb. |
|--|---------|---------|
| Onondaga Market Garden , very best for Green House..... | \$0 20 | \$2 00 |
| Grand Rapids, new forcing..... | 20 | 2 50 |
| Denver Market , early head Lettuce..... | 20 | 2 50 |



ONONDAGA LETTUCE.

| | | |
|--|----|------|
| Brown Dutch | 20 | 2 50 |
| Chartier | 20 | 2 50 |
| Green Fringed or Red Fringed | 20 | 1 50 |
| Boston Market | 20 | 2 50 |
| Satisfaction | 20 | 2 00 |
| Boston Curled, fine for hot bed | 20 | 1 50 |
| Early Curled Simpson, black seed | 20 | 1 50 |
| Early Curled Silesian | 20 | 1 50 |
| Golden Stone | 20 | 2 00 |
| Ice Drumhead | 20 | 1 50 |
| Hanson Head | 20 | 2 00 |
| New York Head | 20 | 2 00 |
| Batavian Brown Head | 20 | 1 50 |
| India or Prize Head | 20 | 1 50 |
| Tennis Ball | 20 | 1 50 |
| White Cos | 20 | 2 00 |

MUSK MELON, *Melone*.

PAUL ROSE MUSK MELON.

| | | |
|--|----|------|
| Paul Rose , very fine, salmon fleshed.. | 20 | 75 |
| Rocky Ford , new, green flesh..... | 20 | 1 00 |
| Delmonico Round, deep orange, very productive, early | 10 | 75 |
| Grand Rapid Market Musk Melon, largest early Melon, salmon flesh | 10 | 75 |
| Surprise , round, yellow fleshed, medium size | 10 | 75 |
| Miller's Cream, very fine, salmon flesh.. | 10 | 75 |
| Tip Top , a very fine salmon fleshed market melon..... | 10 | 75 |

| | Per oz. | Per lb. |
|--|---------|---------|
| Emeral Gem | 10 | 75 |
| Orange Christiana, fine netted, yellow flesh | 10 | 75 |
| Pineapple, green flesh, oval | 10 | 75 |
| Nutmeg, fine netted, extra early green | 10 | 75 |

| | | |
|--|----|----|
| Bay View, large, green fleshed, fine for a large melon | 10 | 75 |
| Large Nutmeg or Improved Cantelope, green flesh | 10 | 75 |
| Montreal Market Musk, yellow | 10 | 75 |
| Hackensack, very fine, yellow | 10 | 75 |
| Osage, large, salmon color | 10 | 75 |

WATERMELON, *Wassermelone*.

| | | |
|--|----|----|
| Sweet Heart, early, large handsome | 10 | 60 |
| Green and Gold, new, fine... .. | 10 | 60 |
| Seminole | 10 | 60 |
| Cuban Queen Extra | 10 | 60 |
| Phinney's Early, red flesh and solid | 10 | 60 |
| Mountain Sweet, old favorite | 10 | 60 |
| Cole's Early, very early, bright red | 10 | 60 |
| Black Spanish, round, dark green, with red flesh | 10 | 60 |
| Icings or Ice Cream, white seeded | 10 | 60 |
| Green Citron, for preserves.. .. | 10 | 60 |
| Scaly Bark, highly recommended | 10 | 60 |
| Kolb's Gem | 10 | 60 |

MUSHROOM SPAWN.

| | Per lb. |
|---------------|---------|
| English | 25 |

MUSTARD, *Senf*.

| | | |
|-------------|----|----|
| White | 05 | 35 |
| Brown | 05 | 35 |

| | | |
|------------------------------------|----|------|
| MARTYNA , for Pickles... .. | 40 | 3 25 |
|------------------------------------|----|------|

NASTURTIUM, *Kapusinerblumo*.

| | | |
|-------------------------------|----|----|
| Tall. (See flower Seed) | 10 | 75 |
| Dwarf | 15 | 85 |

OKRA or GUMBO, *Essbarer*.

| | | |
|--------------------|----|----|
| Dwarf, White | 10 | 90 |
|--------------------|----|----|



A field of our "Spallers" Yellow Oval Globe Onions grown by Dixon Bros. of Salina, yielding over 800 bu. to the acre.

| | | ONION, <i>Zwiebel.</i> | | | |
|-------------------------------------|---------|-------------------------------|-----------------------------------|---------------|---------|
| | Per oz. | per lb. | | r oz. | Per lb. |
| Spaller's Yellow Oval Globe, | | | Bolton Seed produces the Bol- | | |
| (See pp. 13)..... | \$0 20 | \$1 50 | ton Sets..... | 25 | 2 50 |
| Michigan Yellow Globe, very | | | White Silverskin or Portu- | | |
| fine..... | 20 | 1 20 | gal for bunching..... | 25 | 2 50 |
| Yellow Danvers, improved | | | Southport White Globe..... | 25 | 2 50 |
| best stock..... | 20 | 1 00 | Mammoth Silver King..... | 25 | 2 50 |
| Prize Taker | 20 | 1 40 | Top Onion Sets, } | | |
| Australian Brown..... | 20 | 1 50 | Bolton "..... | | |
| Early Red, extra early, flat.... | 20 | 1 40 | Yellow "..... | | |
| Southport, Red Globe..... | 20 | 2 00 | White "..... | | |
| Large Red Wetherfield..... | 20 | 1 50 | Potato "..... | | |
| | | | | Market Price. | |



BELL OR BULL NOSE.

PARSLEY, *Petersilie.*

| | | |
|---------------------------|----|----|
| Champion Moss Curled..... | 10 | 75 |
| Fern Leaved..... | 10 | 75 |
| Extra Double Curled..... | 10 | 75 |

PASRNIPS, *Pastinake.*

| | | |
|-----------------------------------|----|----|
| Long White..... | 10 | 50 |
| Hollow Crown, thick shoulder..... | 10 | 50 |

PEPPER, *Pfeffer.*

| | | |
|---|----|------|
| Rose Mammoth , very fine, large..... | 40 | 3 00 |
| Bell or Bull Nose, extra large..... | 25 | 2 50 |
| Ruby King, extra large..... | 25 | 2 25 |
| Long Red Cayenne..... | 25 | 2 50 |
| Mountain Sweet, for stuffed pickles..... | 25 | 2 50 |
| Golden Dawn, yellow..... | 25 | 2 50 |
| Golden Queen..... | 25 | 2 50 |
| Celestial, new..... | 25 | 2 50 |
| Red Cluster or Red Cherry | 25 | 2 50 |
| Chili, small, for pepper sauce..... | 25 | 2 50 |

Red Cherry

Set und wird Deutsch gesprochen.

PEAS. *Erbsen.***Extra Early Sorts.**

Per qt. Per bu.

| | | |
|--|-------|---------|
| Gradus or Prosperity, pods big as Telephone, early as Alaska. See pp.13. | \$ 40 | \$12 00 |
| *Eclipse, early as Alaska and sweet..... | 30 | 4 00 |
| Bergen Fleetwing, very fine, early..... | 25 | 3 00 |
| Cleveland's Alaska, one of the earliest blue peas..... | 25 | 4 00 |
| Rural New Yorker, very early, prolific..... | 25 | 3 50 |
| Earliest of All..... | 25 | 3 50 |
| Perry's Forty-two Day, the best extra early..... | 25 | 3 50 |
| Philadelphia Extra Early, resembling First and Best..... | 25 | 3 50 |
| Carter's First Crop, 2½ feet..... | 25 | 3 50 |
| Improved Daniel O'Rourke, 2½ feet, a favorite among gardeners..... | 25 | 3 50 |

Dwarf Varieties.

| | | |
|--|-------|------|
| *Nott's Excelsior, early, large, and pod very prolific..... | \$ 25 | 6 00 |
| *Blue Peter, green, smooth, 1 foot..... | 25 | 5 00 |
| *American Wonder, green, 1 foot, extra early and productive..... | 25 | 5 50 |
| *Premium Gems, very early, fine dwarf..... | 25 | 5 00 |
| *McLean's Little Gem, very fine, popular, 1 foot..... | 25 | 5 00 |

Second Early and Late Varieties.

| | | |
|--|-------|------|
| *Improved Stratagem, 1 to 2 feet, vigorous, one of the very best..... | \$ 30 | 5 00 |
| *Bliss, Abundance..... | 25 | 4 00 |
| Bliss, everbearing..... | 25 | 5 00 |
| *McLean's Advancer's True, long pods, fine quality, 2½ feet..... | 25 | 4 00 |
| *Champions, very fine, old favorite, 4 feet..... | 25 | 3 50 |
| *Horsford's Market Garden, good cropper, 2¼ feet..... | 25 | 3 50 |
| *Ebeling's Telephone, the finest large second early pea in the market, 3 ft. | 25 | 4 25 |
| *Yorkshire Hero, large, late, very productive, 2 feet..... | 25 | 4 50 |
| Melting Sugar, edible pods..... | 25 | 5 00 |
| Gray Sugar, edible pods..... | 25 | 5 00 |
| White Dwarf Marrowfat, 2 feet..... | 15 | 2 50 |
| Black Eyes, very early and prolific, 3 feet..... | 10 | 2 00 |
| Canada Field..... | | 25 |
| Wrinkled varieties marked thus *. | | |

(See Mr. Hitching's testimonial on first page).

*These prices are subject to change without notice.***EARLY SEED POTATOES.**

We make a specialty of choice early seed potatoes. These are carefully grown from good selected seed stock and by responsible growers.

We can also furnish choice muck grown stock if desired. These are much sought after by market gardeners who find it profitable to use the "Muck Potato." Prices will hold fairly reasonable this spring.

POTATOES. *Kartoffel.***PUMPKIN SEEDS.** *Kurbiss.*

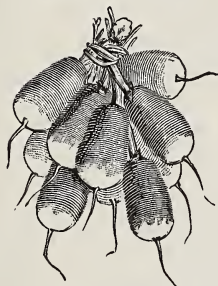
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|-----------------------|-----------------------------|--|
| Ohio, Jr..... | } Prices on Application. | |
| Early Bovee..... | | |
| Early Maine..... | | |
| Early Ohio..... | | |
| Freeman..... | | |
| Early Rose..... | | |
| Beauty of Hebron..... | | |

| | |
|-------------------------------|-----------------|
| | Per lb. Per bu. |
| Connecticut Field..... | \$ 10 \$2 00 |
| Cheese Pumpkin..... | 60 |
| Cashaw Pumpkin, fine table.. | 75 |
| Mammoth Prize Pie, per packet | 10 |

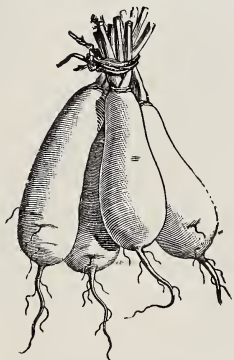
150,000 Berry Baskets for sale and Crates to match. Correct shape and size.

NON-WARRANTY. F. H. Ebeling gives no Warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants he sends out, and he will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Hardware of All Kinds. We Have It—We Sell It.

DEEP SCARLET TURNIP RADISH
SMALL TOP. NEW.

FRENCH BREAKFAST RADISH.



CHINESE ROSE WINTER RADISH.

RADISH, Radischen.
*Special Prices in Quantities.**Our Radish Seed is the very best*
French Stock. Per oz. Per lb.

| | | |
|---|--------|--------|
| Golden Globe. See pp. 13..... | \$0 15 | \$0 90 |
| Early Scarlet Globe..... | 10 | 90 |
| Rosy Gem..... | 10 | 75 |
| Ne Plus Ultra Deep Scarlet Turnip..... | 10 | 90 |
| Half Long, Deep Scarlet..... | 10 | 75 |
| Early Scarlet Turnip, white tipped..... | 10 | 75 |
| Early Deep Scarlet Turnip, forcing..... | 10 | 75 |
| Early White Box or Turnip..... | 10 | 75 |
| Early Deep Scarlet, olive shape, small top..... | 10 | 75 |
| White Olive Shaped or Newcome..... | 10 | 75 |
| Yellow Turnip, new..... | 10 | 75 |
| French Breakfast, white tipped..... | 10 | 75 |
| White Giant Stuttgart, summer..... | 10 | 75 |
| Early Long Scarlet, short top..... | 10 | 75 |
| Wood's Early Frame, forcing..... | 10 | 75 |
| White Vienna or Lady Finger..... | 10 | 75 |
| Chartier Long, white tipped..... | 10 | 75 |
| Scarlet Chinese Rose Winter, fall variety..... | 10 | 75 |
| Long Black Spanish, winter..... | 10 | 60 |
| White Giant Spanish..... | 10 | 60 |
| Gray Long, winter..... | 10 | 60 |
| White Strasburg or Hospital..... | 10 | 60 |
| White Russian, very large..... | 10 | 75 |
| California Mammoth White China. See pp. 13..... | 10 | 75 |

SAGE..... 20 2 00**RAPE**—Dwarf Essex. See pp. 14. Per lb. 10
Per 100 lbs. \$7.50.**SALSIFY, or Vegetable Oyster, Bocksbart.**

| | | |
|-----------------------------------|----|------|
| Large White..... | 10 | 1 00 |
| Mammoth Sandwich Island, new..... | 10 | 1 25 |

SORREL, Large Leaved French..... 10 1 50**SPINACH, Spinat.**

25 to 100 lbs. lots special prices.

| | | |
|---------------------------------|---|----|
| Prickly, fall, extra large..... | 5 | 25 |
| Round Leaf, Viroflay..... | 5 | 25 |
| Victoria..... | 5 | 25 |
| Bloomsdale..... | 5 | 25 |
| Long Standing..... | 5 | 25 |

SQUASH, Kurbis.

| | | |
|---------------------------------------|----|------|
| Golden Hubbard, see pp. 13..... | 15 | 1 00 |
| Golden Bush Scallop..... | 10 | 65 |
| Early Scallop, white..... | 10 | 65 |
| Giant Summer Crook-neck..... | 10 | 65 |
| The Faxon, new, very early..... | 15 | 75 |
| Hubbard, winter, extra stock..... | 10 | 65 |
| Canada Crooked-neck, winter..... | 10 | 75 |
| Boston Marrow, old variety, fall..... | 10 | 65 |
| Butman, nearly like Hubbard..... | 10 | 65 |
| Marblehead, like Butman..... | 10 | 65 |
| Mammoth Chili..... | 10 | 65 |
| Winter Crooked-neck..... | 10 | 75 |
| Ford Hook..... | 10 | 75 |

TOBACCO SEED, Tabak Samen.

| | | |
|--|------|------|
| Connecticut..... | 40 | 4 00 |
| Primus, new, very hardy, Virginia..... | 1 00 | --- |
| Wilson's Hybrid Seed..... | 1 00 | --- |
| Haynes, sealed packages..... | 1 00 | --- |
| Spanish-Zimmer, new..... | 1 00 | --- |

Bei uns wird Deutsch gesprochen.

Buy Your Hardware of Us.



TOMATO. *Liebesapfel.*

Dwarf Champion.

| | |
|---------------------|----------|
| Yellow Plum..... | 5c paper |
| Plentiful, new..... | 15c " |
| Purple Husks..... | 5c " |

| | Per oz. | Per lb. |
|---|---------|---------|
| Dwarf Aristocrat, pp. 13.... | \$0 25 | \$2.50 |
| New stone, pp. 13..... | .25 | 2.50 |
| Optimus. pp. 13..... | .25 | 2.50 |
| Scarlet Champion, pp. 13.... | .25 | 3.00 |
| Livingston's Magnus, new per packet, 15c; pp. 13.. | 35 | |
| New Scarlet Stone, pp. 13.... | .25 | 2.50 |
| Early Michigan, very early.. | .25 | 3.00 |
| Earliest of All..... | .25 | 3.00 |
| Early Ruby, bright scarlet.. | .25 | 3.00 |
| Atlantic Prize, bright red.. | .25 | 2.00 |
| Ignotum, new, deep red.... | .25 | 2.50 |
| Prelude, extra early..... | .25 | 2.00 |
| Dwarf Champion, pink..... | .25 | 2.50 |
| Scoville's Hybrid..... | .25 | 2.50 |
| Livingston's Beauty, pink red | .25 | 2.25 |
| Livingston's Favorite, pink.. | .25 | 2.25 |
| Livingston's Perfection, scarlet..... | .25 | 1.50 |
| Acme, purple..... | .20 | 2.00 |
| Lorillard, early, bright red.. | .25 | 2.50 |
| Cardinal..... | .25 | 2.00 |
| Golden Trophy..... | .25 | 2.00 |
| Paragon, bright red..... | .25 | 2.25 |
| Ponderosa, very large, solid.. | .25 | 2.50 |
| Trophy, large and solid..... | .25 | 2.25 |
| Large Smooth yellow..... | .25 | 3.00 |

TURNIP. *Steckrube.*

Early White Stone Turnip.

| | Per oz. | Per lb. |
|--|---------|---------|
| Purple Top, flat strap leaf | \$.10 | \$.40 |
| Mammoth Purple Top Globe..... | .10 | .50 |
| Golden Ball or Orange Jelly..... | .10 | .50 |
| White Norfolk, large fine summer globe shape..... | .10 | .50 |
| Early White Stone, very fine..... | .10 | .50 |
| White Dutch..... | .10 | .50 |
| Yellow Aberdeen..... | .10 | .50 |
| White Sweet Waldo or German, one of the finest Rutabagas..... | .10 | .50 |
| Skirving's Rutabaga, purple too... | .10 | .50 |
| Laing's Improved Swede..... | .10 | .50 |
| Carter's Improved Swede, yellow.. | .10 | .50 |
| Extra Early White Milan..... | .10 | .75 |

SWEET HERBS.

| | Paper. | | Paper. |
|--|--------|--|--------|
| Anise, seeds aromatic..... | 5c | Mint (Peppermint)..... | 7c |
| Balm, has medicinal qualities..... | 5c | Rosemary, aromatic..... | 5c |
| Basil Sweet..... | 5c | Rue, medicinal qualities..... | 5c |
| Borage, leaves used for salad... | 5c | Saffron, medicinal qualities, also dyeing | 5c |
| Caraway, seeds aromatic..... | 5c | Sorrel..... | 5c |
| Coriander, seeds aromatic..... | 6c | Sage, culinary herb, 30c. per oz., \$2.00 per lb. | |
| Dill, seeds aromatic and medicinal.... | 5c | Savory Summer, culinary herb..... | 5c |
| Fennel Sweet, seeds aromatic..... | 5c | Tarragon or Estragon (Roots)..... | |
| Horehound, medicinal qualities..... | 5c | Thyme, culinary herb..... | 5c |
| Lavendar, leaves aromatic..... | 5c | Wormwood, medicinal qualities..... | 5c |
| Marjoram, leaves used in seasoning.... | 5c | | |

Bei uns wird Deutsch gesprochen.

GREAT BARGAINS IN WHIPS.

NEW THINGS FOR 1901.

OPTIMUS TOMATO—Bright crimson scarlet. Medium size. Ripens early. Vines continue bear for a long time. Very smooth—solid—without any core. Fine flavor. Splendid for canning.

GOLDEN GLOBE RADISH—Round and smooth, with attractive light golden-brown skin. Flesh crisp, white and of the finest flavor. Lb. 90c, oz. 15c.

CALIFORNIA MAMMOTH WHITE CHINA, WINTER RADISH—First introduced into this country by the Chinese in California. It is pure white, about one foot long, and two or three inches through, tapering regularly to the tip. The flesh is tender and crisp, keeping well through the winter. Lb. 90c, oz. 10c.

SPALLER YELLOW GLOBE ONION—This magnificent type of Oval Globe has been secured by a careful and systematic selection, and for shape, size, color and market value is unequalled. We have a limited quantity. Price, per oz. 10c., lb. \$1.50.

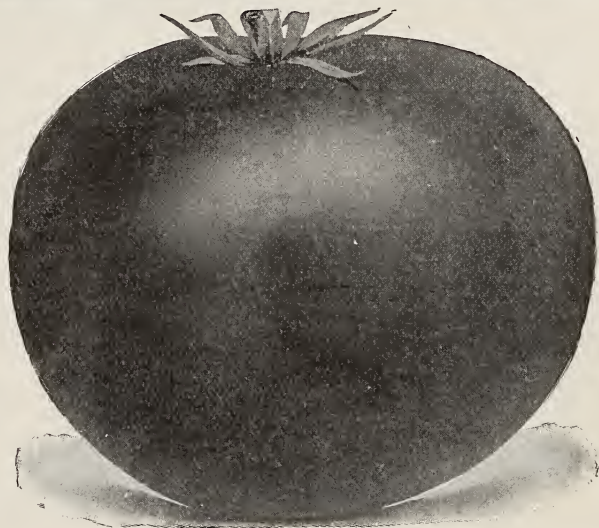
EXCELSIOR WHITE DUTCH CABBAGE SEED—Large, late, round solid heads. Has stood the trial test in this country during three years, and is highly recommended by leading growers and seedsmen.

EVAN'S TRIUMPH CELERY—The stalks of this new variety do not grow as large with us as those of the Giant Pascal or Kalamazoo, but are larger than those of Boston Market or White Plume. It has a compact habit of growth and is a fine keeper. Crisp, brittle and tender. A good late keeping sort. Lb. \$3.00, oz. 30c.

EARLY EVERGREEN SWEET CORN—This choice new variety is one week to ten days earlier than Stowell's Evergreen. Contains eighteen to twenty irregular rows. The kernals are deeper and narrower and superior in sweetness and whiteness, and remains in condition longer than the Stowell's Evergreen. We can recommend this as a fine addition to the Corn family.

LIVINGSTON'S MAGNUS—This very distinct and most promising new variety, of the color of Beauty and Acme, is the latest addition by Livingston to the Tomato family. It is thicker, heavier and more solid than either of the above, making it easily the most handsome sort in cultivation is free from crack and rot. It is unsurpassed in quality and in production of fine, large fruits. While perfectly adapted to main crop planting, yet it matures so quickly that it will take first rank for early market. Pkt. 15c, oz., 30c.

THE NEW STONE—The Tomato for a main crop. We call this the king of the Livingston kinds, which are the best types of large, smooth, solid, "beefy" Tomatoes, if asked to select one main crop, *market sort*, we advise this. Color, fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. If in doubt, buy the New Stone for market or home. Price per lb. \$2.50, oz. 25c.

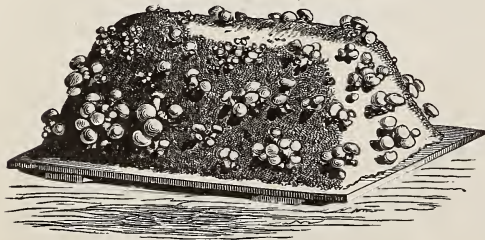


MAGNUS TOMATO

MUSHROOM SPAWN.

CAMPIGNON, French. Culture—Mushrooms may be grown in cellars, under benches of green-houses or in sheds, wherever the temperature of 50 degrees can be kept up throughout the winter. The beds should be made from November to February, according to the time the Mushrooms are wanted, and it requires about two months for them to begin bearing. Secure fresh horse dung, free from straw and litter, and mix it in an equal bulk of loam from an old pasture with it. Keep this under cover, taking care to turn it every day to prevent heating, until the pile is large enough to make a bed of the required size. Three or four feet wide, eight inches deep, and any length desired, are the proper proportions for a bed; but these may be varied. Prepare the mixture of loam and manure making the bed in layers and pounding down each with the back of a spade. Leave this to heat through for a few days and as soon as the heat subsides to 90 degrees, make holes in the bed about a foot apart each way, into which put pieces of the spawn two or three inches in diameter; fill up the holes with the compost, and at the expiration of a week or ten days the spawn will have thoroughly diffused itself through the

Campignon Brot, German.



MUSHROOM BED.

bed. Spread a layer of fresh soil over the heap to the depth of two inches, and cover with three or four inches of hay, straw or litter. Examine the bed often to see that it does not get dry. Take special care, however, when water is given, that it be at a temperature of about 100 degrees. Price, 25c per lb.

ABOUT GRADUS PEAS.

In the spring of 1900 a market gardener on Long Island went to Mr. Felton, a dealer in seeds, and ordered six bushels of **Gradus Peas**. When they came he found that they cost \$8.00 per bu.; he thought the price high and took only four bushels. These he sowed and the crop brought him \$380.00 in cash. The peas sold for \$2.50 per sack (1½ bushels in a sack) against \$1.25 to \$1.50 per sack for other peas.

DESCRIPTION.

Gradus or Prosperity. The earliest tall, large-podded, wrinkled Pea in cultivation. It grows about two and one-half feet high, is of robust and vigorous habit and produces an enormous crop of large pods, filled with tender, sweet and luscious Peas. Pods dark green; do not wilt or shrivel; holds its color well after picking. Size of pod equal to **Telephone**; follows the **Alaska** in earliness. Price 40c. per qt., \$3.00 per pk.

TESTIMONIALS.

WATERLOO, N. Y., Jan. 1, 1901.

Mr. F. H. Ebeling, Seedman, 217 Warren street, Syracuse, N. Y.:

SIR:—After twenty-one years of constant business transactions with you, and the old established house you represent, we consider it a good time thus, early in the new century, to wish you a happy New Year, and a larger patronage from your many customers than ever before. And to assure you that our business relations have been so congenial, and the quality of our purchases so satisfactory during all this long term of years, we consider it only wise on our part to very soon send you our twenty-second annual order for the many seeds which we have to buy to supply our vegetable business during another year.

We have, like many others, bought from many other reliable firms, but no where do we place our orders with more confidence than with you, nor get better results from our purchases. Respectfully asking you to send us your annual Catalogue when convenient, we remain

Your's respectfully,

DAY & BEARD, Produce Growers,
Waterloo, N. Y.

Mr. Nathan Rose, a market gardener on the Jamesville road, says: "Your seeds, as usual, gave splendid satisfaction."

(Mr. Rose has bought his seeds of us for thirty consecutive years.)

C. H. Dewitt of Kirkville, N. Y., has used our Yellow Globe Danvers Onion Seed and advises us that he is greatly pleased with the uniform size, excellent quality, and fine color, as well as earliness of crop.

Mr. G. A. Collier, of Rose, N. Y., reports that our "Spallars" Yellow Oval Globe Onion yielded at the rate of 1500 bu. to the acre.

See page 9 for a view of our field of "Spallars" Oval Globe Onions.

SHELL WALKS AND DRIVEWAYS.

I am prepared to build crushed shell walks and driveways at moderate cost. The shell makes a clean, white, dustless drive or walk. Mr. Charles L. Stone of James street has a fine driveway built of this material.

WHIPS.

Half Price.—Milkmen's Whips at 25c., regular price 50c. Regular straight Driving Whips 25c, former price 50c. Also other bargains from 15c. up—Fresh A-1 stock just received from the factory.



SUCCESSION CABBAGE.

I offer a very fine stock of Long Island grown seed. This is one of the best shipping varieties on the market and has proved to be a very popular sort with the growers and shippers.

I offer a limited stock at

\$3.00 Per Lb.

DWARF ESSEX RAPE

The true Dwarf Essex Rape is valuable as a fattening food for pasturing sheep in autumn. It is particularly adapted as a "catch crop," for it grows best late in autumn. In the Northern States it can be sown at any time from May until the end of August, but in the Southern States it should not be sown until September or October for winter pasture. Its fattening properties are said to be twice as good as clover. Sow ten or twelve pounds per acre in drills fifteen inches apart. When sheep are feeding on Rape they should at all times have access to salt. Per lb., 10c. Twenty-five lbs. for \$2.25. One hundred lbs. for \$7.50.

BEARDLESS BARLEY, SPRING RYE WHEAT AND SEED OATS.—We offer choice well cleaned, true to name, varieties of SEED at reasonable price.

BEARDLESS BARLEY.—A fine yielder. Strong growth of straw. A Barley without the objectionable beards, giving it a superior feeding value. These features combine to make it the best and most profitable Barley Known. Beardless Barley was introduced by us several years ago, and has proved to be very popular. Price, \$1.00.

SPRING RYE.—We offer a fine crop of Spring Rye at \$1.25 per bushel.

SPRING WHEAT.—We can supply the China Spring Wheat at market prices.

WHITE SEED OATS.—We offer choice well cleaned, true to name, varieties of Seed Oats at reasonable prices.

MORTGAGE LIFTER OATS.—Weight, 40 pounds. We sell them. None better. 60c per bu.



BOOKS—IT PAYS TO READ—BOOKS.

We will send any of these books, postpaid, to any address upon receipt of prices annexed.

Asparagus Culture—50 cents.

Beet Sugar Culture—50 cents.

Gregory on Cabbages—40 cents.

Cauliflowers and How to Grow Them—

By Francis Brill. 30 cents.

Celery Culture—By J. C. Vaughan. 50 cents.

Dairy for Profit—Illustrated. 40 cents.

Concerning Lawn Planting—35 cents.

Feathered Pets—Complete Book on Birds. 40 cents.

The Practical Fruit Grower—Cloth. 50 cts.

Maple Sugar and Sugar Bush—By Prof.

A. J. Cook. Profusely illustrated. 40 cents.

Mushroom Culture—By W. Robinson. 50 cts.

Gregory on Onion Raising—What kind to raise and how to raise them. 30 cents.

A B C Potato Culture—35 cents.

Five Hundred Questions and Answers

in Poultry Raising—35 cents.

Strawberry Culture—35 cents.

Silos, Ensilage and Silage—Cloth, 50 cents.

Tomato Culture—135 pp., illustrated. 40 cts.

Our Farm of Four Acres, and the

Money We Made by It—Paper cover, 12 mo. 40 cents.

How to Plant and What to Do With the

Crops—60 cents.

Vegetables Under Glass—By A. Dreer. 35c.

TRUE TYPE OF COMMON MILLET.

Note the contrast between this and the Southern Golden Millet.

The True Southern Golden is the only Millet worth sowing—it yields immensely and grows quickly into a big fod-

der. Will grow six feet high

We have a fine stock of the True Golden Millet, which is worth ten times as much as the "Common."

Golden Millet, \$1.75 per bu.

Common Millet, 1.00 "

Also offer fine stock Hungarian Millet.

O'Hara Bros. of Camillus, grew a crop six feet high. Ask them.

CLOVER, GRASS AND FIELD SEEDS.

Clover Red,
" White.
" Crimson.
" Alfalfa.
" Alsike.
" Bokhara.
" Sainfoin.
Timothy, Re-cleaned.
" Choice.
" Prime.

Red Top.
Blue Grass.
Orchard Grass.
Millet, German.
" Hungarian.
" Common.

Barley, 1.
Buckwheat.
Amber Cane.
Dwarf Essex Rape.

Peas, Canada.
" Black Eye.
" Early and Late.
Rye, Spring.
" Winter.
Corn, Leaming.
" Pride of the North.
" Sweet.
" Pop.
" Field.
Wheat, Spring.
" Winter.
Oats, Seed.
" Winter.
Flax Seed.
Broom Corn.
Quack Seed.

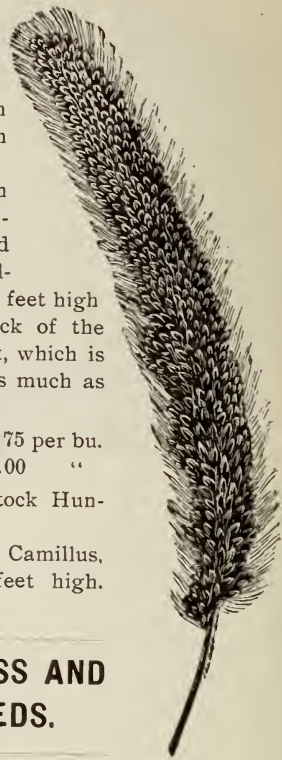
SPECIAL GRASSES.

| | Per lb. | 10 lbs. |
|---------------------------|---------|---------|
| Creeping Bent..... | 30c. | \$2.75 |
| Meadow Foxtail..... | 35c. | 3.25 |
| Sweet Vernal..... | 20c. | 1.75 |
| Tall Oat Grass..... | 20c. | 2.00 |
| Yellow Oat Grass..... | 80c. | 7.50 |
| Crested Dogtail..... | 45c. | 4.50 |
| Sheep's Fescue..... | 25c. | 2.20 |
| Hard Fescue..... | 15c. | 1.50 |
| Meadow Fescue..... | 15c. | 1.50 |
| Tall Fescue..... | 25c. | 2.50 |
| Red Fescue..... | 25c. | 2.20 |
| Rough Stalked Meadow..... | 35c. | 3.25 |
| Perennial Rye Grass..... | 10c. | .90 |
| Italian Rye Grass..... | 13c. | 1.10 |
| Water Meadow Grass..... | 30c. | 2.50 |
| Wood Meadow Grass..... | 40c. | 3.50 |

Special prices given for quantities on any of the above varieties.



True Southern Golden Millet



WE SELL THE FAMOUS MORTGAGE LIFTER OATS.

KEY TO TOOLS, ETC., ON FOLLOWING PAGES.

| No. | Price. | No. | Price. |
|---|------------|--|-------------|
| 1 Solid Shank Hoe.....\$ | 30 | 50 English and American Hooks..... | 25 to 50 |
| 2 Notched Scuffle Hoe..... | 1 00 | 51 Steel and Malleable Garden Rakes..... | 15 to 60 |
| 3 Narrow Hoe and Rake..... | 50 | 52 English Lawn and Grass Scythe..... | 50 to 1 25 |
| 4 Socket Common Hoe..... | 25 | 53 English and American Spades..... | 60 to 1 50 |
| 5 Trowel Shape Weeding Hoe..... | 75 | 54 Latest Pattern Steel Garden Rakes..... | 40 to 75 |
| 6 Onion Hoe, "double end".... | 50 | 55 All styles of Shovels, large and small..... | 25 to 5 |
| 7 Hoe and Rake, several sizes..... | 25 | 56 Asparagus, Dock and Wood Digger..... | 30 |
| 8 Potato Hook, several sizes... 25 to | 75 | 57 Weeders..... | 50 |
| 9 Secor Weeding Hook..... | 20 | 58 Waters' Tree Pruner..... | 75 to 1 25 |
| 10 Large Plantation Hoe..... | 50 | 59 Steel Trowels..... | 10 to 50 |
| 11 Thistle Spud..... | 50 | 60 Cleves' Angle Trowel..... | 15 to 75 |
| 12 Thistle Spud for Lawns..... 50 to | 75 | 61 Watering Pot..... | 25 to 75 |
| 13 Pruning Shears, all kinds... 40 to 1 | 50 | 62 " "..... | 1 00 |
| 14 Hedge Shears, several sizes 1 00 to 1 | 75 | 63-64-65-75-76 Weeders..... | 15 to 30 |
| 15 Sheep and Grass Shears..... 50 to 1 | 50 | 67-68 69-70-71-72 Thermometers..... | 20 to 1 00 |
| 16 Border Shears, with roller or without..... 2 50 to 4 | 00 | 73 Pruning Saws..... | 75 |
| 17 Spud for pulling vegetables, etc..... | 1 00 | 75-76-77-78-79 Syringes..... 1 00 to 4 | 00 |
| 18 Patent English Weeder..... | 25 | 80 Double Leaf Rake..... | 75 |
| 19 " " Scuffle Hoe..... 35 to | 50 | 81 Gardener's Mittens..... | 50 |
| 20 Onion and Celery Plow, Firefly..... | 2 50 | 82 Small Ax..... | 75 |
| 21 Tack Claw..... | 15 to 25 | 83 Fumigator..... | 1 25 |
| 22 Pruning and Wood Saws... 50 to 1 | 50 | 85 Powder Gun..... | 15 to 25 |
| 23 Mattock, several styles..... 50 to 1 | 00 | 85 Breen's Finger Spade..... | 10 |
| 24 Transplanting Fork..... 15 to | 40 | 76 Lang's Weeder..... | 25 |
| 25 Wire Leaf Rake..... | 60 | 87 Glazier's Points, per box.. | 65 |
| 26 Narrow Mattock..... | 75 | 88 " Pincers..... | 40 |
| 27 Tree Pruners, several styles 1 00 to 3 | 50 | 89 Rubber Plant Sprinkler... 75 to | 90 |
| 28 Steel Trowels, all grades... 10 to | 60 | 90 Putty Bulb..... | 90 |
| 29 Flower Gatherer..... | 50 to 1 00 | 91 Pedestal..... | 2 50 |
| 30 Lang's Patent Weeder..... | 25 | 92 Lily Pot..... | 40 |
| 31 Trellis, all sizes..... | 20 to 2 00 | 93 Hanging Log..... | 25 to 75 |
| 32 Double End Pruning Saw... 75 | | 94 Oblong Lily Pot..... | 60 |
| 33 Bill Hook..... 1 00 to 1 | 50 | 95 Begonia Pot..... | 25 |
| 34 Garden Line Reel, very durable..... 1 | 50 | 96 Rustic Pot..... | 50 |
| 35 Grape and other Scissors... 25 to 1 | 00 | 97 Standard Flower Pots..... | All prices. |
| 36 English Lawn Rake..... 75 to 1 | 25 | 98 Jardinier..... | All prices. |
| 37 Whittling and Pruning Knives..... | 50 to 1 25 | 99 Wire Pot Brackets..... | 15 to 20 |
| 38-39-40 English Pruning Knives..... | 50 to 1 25 | 100 Hyacinth Glass..... | 15 |
| 41-42 Budding and Grafting Knives..... | 50 to 1 00 | 101 Wire Plant Stand..... | 3 00 |
| 43 Grafting Chisel..... | 75 to 1 00 | 102 Flower, Pot and Cage Bracket..... | 15 to 1 00 |
| 44 English Pruning Hook Knife..... | 1 00 | 103 Saucers, price according to size..... | |
| 45 Dibber for transplanting... 25 | | 104 Wooden Tubs..... 1 00 to 3 | 00 |
| 46 Border Knives..... 60 to 1 | 25 | | |
| 47 Floral Sets of four pieces... 50 to | 75 | | |
| 49 Warren Hoe, very practical | 50 | | |



SEED AND GRAIN TRYERS.

| | |
|--|---------------|
| Large Taper Tryer, Steel Point, Nickled, | Price, \$1.25 |
| " " " " Brass, | 1.00 |
| Small Straight, " " Brass, | .75 |

A LIBERAL DISCOUNT TO THE TRADE.

Note our Special Offer on Poultry Supplies on Last Page.
 BUY YOUR WHIPS, CUTLERY AND HARDWARE OF US.



PRUNING SAWS.



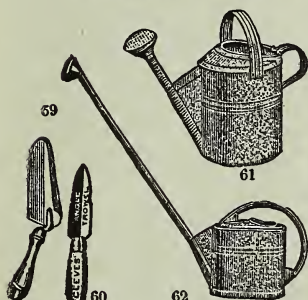
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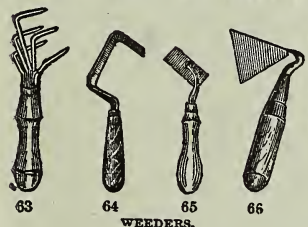


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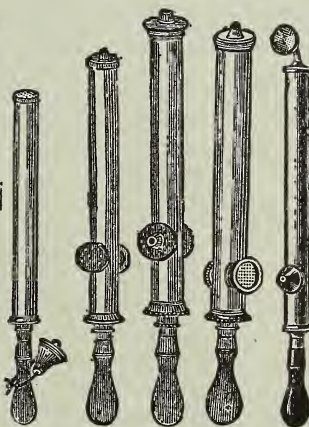


TROWELS.

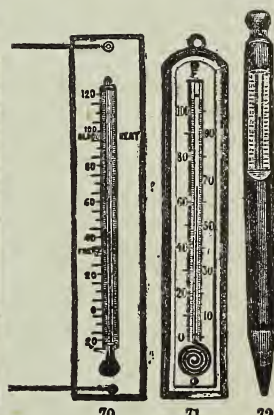
WATERING POTS.



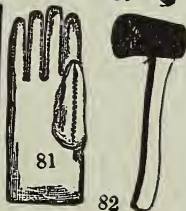
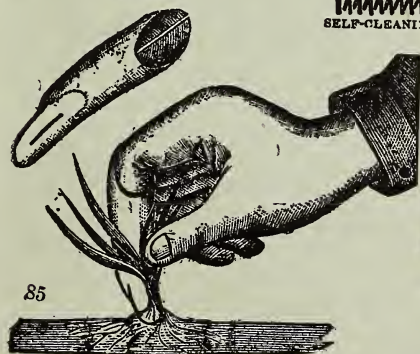
WEEDERS.



BRASS SYRINGES.



SELF-CLEANING LAWN RAKE.



GLAZING POINTS AND PINCERS



EUREKA FUMIGATOR.

83.



POWDER

84. GUN.



PLANT SPRINKLER.



PUTTY BULB.

SUPPLEMENT TO FLOWER SEED LIST.

Flowers of Easy Cultivation that all Lovers of Flowers can and ought to Grow.

ASTERS.

For early flowering sow inside in April or March in shallow pans or boxes, using a light soil. Cover seeds very lightly; transplant seedlings when large enough to handle; plant in permanent beds about June 1st; for late flowering sow in open ground as soon as weather permits.

Our Asters are grown for us by specialists from the finest strains in the world, and are unrivaled.

AMERICAN BRANCHING. (Semple's or Vick's Branching.) A free growing Aster of robust, erect habit producing large, feathery blossoms, resembling Japanese Chrysanthemums; one of the finest for cutting. Height, three feet.

| | Pkt. | | Pkt. |
|------------------------------|----------------|----------------------------|----------------|
| Finest Mixed.....oz., \$3.00 | 1/2 ounce, .50 | Light Blue.....oz., \$3.50 | 1/2 ounce, .60 |
| Crimson....." 3.50 | .60 .10 | Rose - Pink....." 3.50 | .60 .10 |
| Dark Blue....." 3.50 | .60 .10 | White....." 3.50 | .60 .10 |

Comet—Colors various, with long wavy petals, full flower. 10 cts.

"Snowball"—Pure white, pompon shape flower, about 15 inches high. 20 cts. per pkt.

Harlequin—Spotted and striped double mixed. 10 cts. per pkt.

Mignon—Pure White, small pompon flowers. 10 cts. per pkt.

Victoria—Mixed color, tall, full flower, pyramidal shape. 10 cts.

Ball or Jewel—Symmetrically incurved, the bloom a perfect ball. 25 cts. per pkt.

Branching—Vick's white, very fine. 10 cts. per pkt.

For all other varieties see General Flower List.

BALSAM.

Beautiful and easily grown Half Hardy Annuals. Sow in open ground in May; the soil should be light and open; height 1 to 2 feet.

| | | | |
|------------------------------|------------|-----------------------------|------------|
| Double White.....oz., \$2.00 | Pkt., 10c. | Double Rose.....oz., \$1.50 | Pkt., 10c. |
| " Pink....." 1.50 | " 10c. | " Red....." 1.50 | " 10c. |

CALENDULA (MARIGOLD.)

Hardy free flowering Annuals with large double flowers in splendid variety of colors; grows well in dry situation; height, 1 foot. Sow outside in May.

Mixed, all Colors.....oz., 50 cts., Pkt., 5 cts.

CALLIOPSIS OR COREOPSIS ANNUAL VARIETIES.

Charming hardy Annuals, blooming early and lasting in flower till frost. Very useful for cutting.

Mixed Varieties in Rich and Brilliant Colors.....Pkt., 10 cts.

CANDYTUFT (IBERIS.)

Very showy, hardy Annuals, growing about 1 foot in height; grows well in any ordinary soil. Sow outside in May.

Mixed Colors in great variety.....oz., 30 cts. Pkt., 5 cts.

CARNATION MARGUERITE.

Half hardy perennials if sown inside in spring and transplanted to the open garden in May, will flower in July and continue till frost, when with a light covering of rough straw or leaves they can be carried over winter and be much better the following year; or they may be potted up in the fall and flowered in the house during winter. The flowers in size, fragrance, and variety of colors are equal to the best greenhouse varieties. Sow inside in March or April in shallow pans or boxes; transplant in open ground in May, or sow seed outside as soon as danger of frost is over.

Mixed Varieties, or separate colors (white, pink, red, rose yellow, striped.oz., \$2.00 Pkt., 10c.

CASTOR BEAN (RICINUS.)

Tender Annuals of rapid and gigantic growth, producing enormous dark green or bronze colored palmate leaves, excellent for massive foliage effect on lawns or backgrounds; can be started in April in the house and transplanted to the open garden about the first of June where they will attain a height of from 6 to 10 feet in a few weeks. 25c. oz., 5c. Pkt.

CHRYSANTHEMUMS' ANNUAL VARIETIES.

Hardy Annuals of easy cultivation and blooming early in the summer; grows about 2 feet high; splendid variety of colors.

| | |
|--------------------------------|--------------|
| Single, Mixed.....oz., 40 cts. | Pkt., 5 cts. |
| Double, ".....oz., 40 cts. | Pkt., 5 cts. |

SUPPLEMENT TO FLOWER SEED LIST.

COSMOS EARLY FLOWERING.

One of the most beautiful flowers in cultivation; if sown in May in the open ground will bloom about the middle of July: the colors include pure white shades of lilac, rose and crimson,
Mixed Shades.....Pkt., 10 cts.

DAHLIA, SINGLE.

These popular flowers can be raised from seed and flowered the same season, and nothing gives more satisfaction than a good bed of Single Dahlias, being far superior to the double varieties for cutting purposes; sow seed inside in April; plant in the open ground about the first of June. A cool, rich soil suits Dahlias.
Mixed Varieties.....Qkt., 10 cts.

MIGNONETTE.

This delightfully fragrant plant should be grown by every one who has room for a window box. Its cultivation is the easiest possible. The seeds should be sown early outside, and the young plants thinned sufficiently to allow them to branch. Water freely in dry weather.
Flacbet, one of the best.....oz., 60 cts. Pkt., 10 cts.

NASTURTIUMS.

No collection of flowers should be without Nasturtiums, they grow so forcibly and afford such a variety of rich bright colors. As a cut flower there is nothing more effective, sweet scented and pleasing in every way.

Tall Varieties Mixed.....oz., 10 cts. Pkt., 5 cts. | **Dwarf Varieties Mixed**.....oz., 15 cts. Pkt., 5 cts

Our Mixture of Nasturtium is the Finest in the Country.

| | |
|--|-------------------------|
| Nasturtium Dwarf , Aurora, very fine..... | Each 5c. per Pkg. |
| " " Beauty, yellow and scarlet..... | |
| " " Dronze..... | |
| " " Cardinal—Dark scarlet..... | |
| " " Cloth of Gold—Light foliage..... | |
| " " Crystal Palace—Dwarf..... | |
| " " Dwarf..... | |
| " " Empress of India, dark leaves..... | |
| " " King of Tom Thumb..... | |
| " " King Theodore, very dark..... | |
| " " Ruby King..... | |
| " " Plammulum Grandiflorum—Tall, scarlet and yellow, extra fine..... | |

PETUNIA.

The Petunia, owing to its good growing qualities and its dazzling colors, is a favorite with all growers of flowers who appreciate brilliant effects; for window boxes and mass beds nothing is more effective. Annuals growing from 12 to 15 inches high.

Double Varieties Mixed.....Pkt., 50 cts. | **Single**.....Pkt., 10 cts.

SALVIA (FLOWERING SAGE.)

Splendens, one of our most useful and gorgeous bedding plants, with long spikes of brilliant scarlet flowers, blooming continuously from mid-summer till frost; about 3 feet high. Sow inside in April and transplant outside when danger of frost is over, or sow outside in May. \$3.00 oz. 10 cts. Pkt.

SWEET PEAS.

The improvement in this flower during the last few years is truly wonderful. The beauty and variety obtained through the work of the hybridizers is a revelation as to what can be done for the improvement of flowers by hybridizing. The delicate shades to be had in the new Sweet Peas cannot be surpassed by even the rose. To get the Sweet Pea in perfection it should be sown early in rich rather moist soil. Dig a trench about eight inches deep, fill in two inches of well rotted manure, then two inches of rich soil in which the sweet peas should be sown; cover with one inch of soil and as the plants grow keep filling till the trench is level. In dry weather cover the roots with litter of any kind to keep moist and cool and you will be well repaid.

LEADING VARIETIES.

| | | | |
|--|----------------------|---|----------------------|
| Odoratus "Sweet Peas" —Imported by us annually Adonis —Beautiful deep rose with wings almost carmine Apple Blossom —Resembles the flower of Apple Blossoms The Bride —The best earliest pure white in the market Boreston —Its flowers are a rich dark chestnut color Bronze Prince —Rich chestnut color bronze maroon Black —Deep maroon and dark blue Blanche Burpee —Pure white, very large Blanche Ferry —Bright pink and white Butterfly —White, edged with blue Cardinal —Bright crimson Countess of Radnor —Soft lavender Daybreak —Watered, red and white Delight —White Rose shaded Dorothy Tennant —Rosy mauve Duchess of Edinburgh —Light scarlet and white Duchess of York —Delicate white, striped pink Emily Eckford —Rosy mauve changing to blue Empress of India —Rose Standard, white wings Emily Henderson —Large clear white Firefly —Bright crimson scarlet Grand Blue —(Invincible blue) | 5 CENTS PER PACKAGE. | Grey Friar —A light marble mauve..... | 5 CENTS PER PACKAGE. |
| | | Imperial Blue —Purplish blue..... | |
| | | Indigo King —Dark maroon purple..... | |
| | | Ira Eckford —Creamy white, shade of pink..... | |
| | | Lemon Queen —Pale blush and lemon..... | |
| | | Light Blue and Purple | |
| | | Meteor —Orange pink..... | |
| | | Mrs. Eckford —Whitish yellow, very fine..... | |
| | | Orange Prince | |
| | | Pink Cupid or Dwarf Blanche Ferry —Pink and white..... | |
| | | Primrose —yellow..... | |
| | | Princess May —Soft lavender..... | |
| | | Prince of Wales —White, striped mauve and blue..... | |
| | | Senator —Chocolate striped, showy..... | |
| | | Stanley —Very dark maroon..... | |
| | | Splendor —Bright rose..... | |
| | | Venus —Salmon buff..... | |
| | | Violet Queen —Violet..... | |
| | | Double Sweet Peas , Stanley—Very dark maroon.. | |
| | | " " Duke of Clarence—Dark claret. | |
| | | " " White..... | |
| | | " " Lottie Eckford—Creamy white. | |
| | | " " Boreaston—Dark chestnut..... | |
| | | " " Waverly—Rosy claret..... | |
| | | " " Apple Blossom..... | |
| | | " " Cap't of Blues—Bright purple.. | |

For additional Flower Seed list see pages 20, 21, 22.

FLOWER SEEDS.

KEY TO CULTURE.

A. Sow for succession from April to June for summer and autumn blooming. Prepare the ground thoroughly by digging, adding a good supply of leaf mould or well rotted manure, making the surface fine and smooth.

B. Sow in gentle heat, in a well drained pot or pan of light soil. Sow thinly and cover lightly with a fine sandy soil. Shade from bright sunshine, and water when necessary through a fine rose watering pot. Transplant to open ground when all danger from frost is over. The seed may also be sown in a cold frame in April, or open border in the latter part of May, but will not flower so early. Transplant or thin out before the plant gets too large.

C. Sow from April to June, or in August, in a well prepared bed of light soil, covering the seed lightly. Keep clear of weed, and thin out the plants, if too thick, sufficiently early to allow them to develop their growth.

D. Sow in spring in a well drained pot or well prepared hotbed of light, peaty or sandy soil. Place in a moderately warm temperature. Shade from bright sunshine and keep moist, transplant when ground is in a proper condition, or in open ground after May 10th for late flowers.

E. Sow in open border in April or May. and thin out or transplant, giving each plant plenty of room.

F. Sow at any time in a pot prepared as follows: Let the pot be one-third full of drainage or broken charcoal; cover the rough siftings of mould, and the surface with very fine soil, half of which should be composed of fine, sharp sand; water with fine sprinkler; scatter the seeds thickly over the surface, cover very lightly; keep from direct rays of the sun. As soon as the plant show the third leaf, transplant into seed pans, three-fourths of an inch apart, giving a little air to strengthen them. When the plants begin to touch each other they should be transplanted singly into small pots and keep them in a cool, airy part of the green house near the glass. Re-pot them when necessary.

The following portion of our catalogue, devoted to Flower Seeds, we have arranged both alphabetically and in columns, to enable any one to easily refer to the price and description of any variety desired.

KEY TO COLUMNS.

The 1st column contains the name of the flower.

The 2d " " hardness and duration.

The 3d " " height in feet.

The 4th " " color of flower.

The 5th column contains culture.

The 6th " " price per packet.

The 7th " " general observations.

KEY TO ABBREVIATIONS.

| | | | | | | | |
|-------|----------|-------|-----------|--------|----------|--------|-------------|
| b., | blue. | dk., | dark. | mve., | mauve. | spot. | spotted. |
| bld., | blood. | dp., | deep. | mx'd., | mixed. | stri, | striped. |
| blk., | black. | gr., | green. | or., | orange. | sul. | sulphur. |
| br., | brown. | lav., | lavendar. | pur., | purple. | vr. | variegated. |
| bff., | buff. | lf., | leaf. | rose. | rose. | ver., | vermillion. |
| car., | carmine. | lt., | light. | rd., | red. | wh't., | white. |
| cr., | crimson. | mar., | maroon. | scrr., | searlet. | yel., | yellow. |

HARDINDSS AND DURATION.

A.—Annual, lasting one year.

B.—Biennial, lasting two years.

P.—Perennial, lasting three or more years.

ev., evergreen.

g., greenhouse.

h. h., half hardy.

h., hardy.

sh., shrub.

SELECT FLOWER SEEDS.

| NAME. | Hardness and duration. | Height. Feet. | Color. of Flower. | Culture. | Per Pkt. | GENERAL OBSERVATIONS. |
|---|------------------------|---------------|-------------------|----------|----------|--|
| Abobra viridiflora | hhP | 6 | green. | E | 5 | Abobra .—A beautiful variety of climbing Gourd, with elegant foliage. |
| Abronia umbellata | hhA | ½ | rose. | D | 5 | Abronia .—Trailing Verbena like flowers. |
| Aconitum napellus | hP | 2 | blue&w. | C | 5 | Aconitum .—Monkshood. |
| Acroclinium roseum | hhA | 1 | rose. | E | 5 | Acroclinium .—Pretty everlasting flowers; should be cut before fully expanded. |
| “ album | “ | 1 | white. | “ | 5 | |
| Adlumia cirrhosa | hA | 15 | pink. | “ | 10 | Adlumia .—A beautiful climbing, fine foliaged plant, also known as Mountain Fringe and Alleghany Vine. |
| Adonis æstivalis | “ | 1 | scarlet. | “ | 5 | Adonis .—Showy border flowers. |
| African Rose | “ | 1 | “ | “ | 5 | African Rose .—See Hibiscus. |
| Ageratum mexicanum | hA | 1 | blue. | B | 5 | Ageratum .—Continual bloomer, and fine for cutting. The dwarf varieties are very desirable for borders or edgings. |
| “ Imperial Dwarf | “ | ½ | “ | “ | 5 | |
| “ nanum | “ | ½ | “ | “ | 5 | |
| Agrostemma Cœli Rosa | “ | 1 | rose. | A | 5 | Agrostemma .—Rose Campion. |
| Agrostis nebula | “ | 1 | “ | A | 5 | Agrostis .—Very fine for dried grasses. |
| “ pulchella | “ | 1 | “ | “ | 5 | |
| Alleghany Vine | “ | 1 | “ | E | 5 | Alleghany Vine .—See Adlumia. |
| Alonsoa grandiflora | hhA | 1½ | scarlet. | E | 5 | Alonsoa .—Very showy in blossom and of graceful habit; excellent for bedding. |
| Alyssum maritimum (sweet)..... | hA | 1 | white. | “ | 5 | Alyssum .—Excellent for pot or basket cultivation or for edgings in the flower garden. The perennial varieties are among the earliest and most attractive of spring flowers. |
| “ saxatile compactum | P | 1 | yellow. | “ | 5 | |
| “ Wierzebecki | “ | 1 | w. & y. | “ | 5 | |
| Amaranth | “ | “ | “ | “ | 5 | Amaranth .—See Gomphrena. |
| Amaranthus bicolor ruber | hhA | 3 | var. lf. | “ | 5 | Amaranthus .—Beautiful foliaged plants. |
| “ caudatus | “ | 3 | “ | “ | 5 | A. Salicifolius and Henderi form elegant pot plants for greenhouse or conservatory and are much used for bedding. A. caudatus is the well-known “Love lies bleeding.” A. cruentus is better known as “Princess’ Feather.” A. tricolor as “Joseph’s Coat” and A. melan. as “Nun’s Whipping Post.” |
| “ cruentus | “ | 2 | “ | “ | 5 | |
| “ melancolicus ruber | “ | 1 | “ | “ | 5 | |
| “ salicifolius | “ | 3-5 | “ | “ | 10 | |
| “ Henderi (new)..... | “ | 4 | “ | “ | 10 | |
| “ tricolor | “ | 2 | “ | “ | 5 | |
| Amethyst | “ | “ | “ | D | 5 | Amethyst .—See Browallia. |
| Ammobium alatum | hA | 2 | white. | E | 5 | Ammobium .—White everlasting flowers. |
| Anagallis grandiflora , Eugenie | hhA | 1 | b. & w. | B | 5 | Anagallis .—Poor Man’s Weather Glass. Splendid for rock-work and borders. |
| “ Napoleon III. | “ | 1 | crimson. | “ | 5 | |
| “ grandiflora , fine mixed..... | “ | 1 | mixed. | “ | 5 | |
| Anchusa augustifolia capensis | hP | 2 | blue. | C | 5 | Anchusa .—Splendid for bouquets; long bloomer, azure blue forget-me-not like flowers; blossoms first year from seed. |
| Angelonia grandiflora | hP | 1½ | blue. | “ | 10 | Angelonia .—Blue flowers; sweet scented. |
| Animated Oat | “ | “ | “ | “ | 5 | Animated Oat .—See Avena. |
| Antirrhinum majus | P | 2 | mixed. | B | 5 | Antirrhinum .—Snapdragon. Will bloom first season. |
| “ majus nanum picturatum | “ | “ | “ | “ | 5 | |
| Aquilegia , Single | P | 1½ | “ | C | 5 | Aquilegia .—Columbine. Pretty and very desirable for early spring flowering. |
| “ Double | “ | 1½ | “ | “ | 5 | |
| Arctotis breviscapa | hhA | 1½ | orange. | B | 5 | Arctotis .—Large orange flowers with dark centre. |
| Argemone Hunnemannii | hA | 2 | car.&yel. | A | 5 | Argemone .—Mexican Poppy. |
| Artemesia gracilis | “ | 4 | “ | A | 5 | Artemesia .—Highly decorative foliage plant. |
| Aristolochia Siphon | hB | 30 | y. & br. | D | 5 | Aristolochia .—Dutchman’s Pipe. A quick growing climber, with large heart-shaped leaves. Highly recommended. |
| Asperula azurea setosa | hA | 1 | blue. | A | 5 | Asperula .—Very sweet scented flowers and profuse bloomer. |
| “ odorata | hP | ½ | white. | “ | 10 | |
| Aster , German quilled | hA | 2 | mixed. | D | 5 | Aster .—The vast improvement made in the last few years by the English and German growers of this showy flower cannot be too highly spoken of. We refer especially to the different varieties of Truffaut’s Pæony-flowered and the New Washington Asters. The La Superbe varieties of the first-named are rightly termed, for in every respect they are truly superb. |
| “ Dwarf Pyramidal Bouquet | “ | 1 | “ | “ | 10 | |
| “ Truffaut’s Pæony-fl’d Perfection | “ | 2 | “ | “ | 10 | |
| “ La Superbe | “ | 2 | rose. | “ | 10 | |
| “ “ | “ | 2 | sky b. & w. | “ | 10 | |

Additional flower seed list on page 20, 21, 22.

HARDWARE, TOOLS, GLASS, PUTTY AND TINWARE.--TIN WORK.

Try our Parrot and Bird Seeds.

| NAME. | Hardiness and Duration. | Height Feet. | Color of Flower. | Culture. | Per Pkt. | GENERAL OBSERVATIONS. |
|--|-------------------------|----------------|------------------|----------|----------|---|
| Aster, Truffaut's La Superbe..... | hA | 2 | pure wht. | D | 10 | Aster. No lover of these flowers can find anything so easily cultivated that would afford such genuine pleasure and satisfaction. The New Washington varieties are extremely beautiful, attaining a very large size averaging $4\frac{1}{2}$ inches in diameter, and in delicacy of tints are unequalled. Aster seed should be sown early in the Spring in a hot-bed or window box and transplanted out-doors when the weather is warm, about 12 inches apart—the taller varieties a little farther apart and the dwarf varieties a little nearer together. |
| “ Dwarf Chrysanthemum..... | “ | 1 | mixed. | 15 | | |
| “ Large Rose-flowered..... | “ | $2\frac{1}{2}$ | “ | 15 | | |
| “ Cocardeau or Crown (w. centre)..... | “ | 2 | various. | 15 | | |
| “ New Washington, white..... | “ | 2 | white. | 20 | | |
| “ Perennial, fine mixed..... | “ | “ | mixed. | 5 | | |
| Avena sterilis..... | hA | 2 | “ | C | 5 | Avena.—Animated Oats. |
| Balloon Vine..... | hhA | 5 | white. | B | 5 | Balloon Vine.—Love-in-a-puff; climbing plant for house or garden. |
| Balsam, Double Extra..... | hA | $1\frac{1}{2}$ | mixed. | B | 10 | Balsams.—Our balsams have been selected with great care and we feel certain that they will please our customers. |
| “ Double Rose flowered..... | “ | 2 | “ | 10 | | |
| “ Double Rose flowered, white..... | “ | 2 | white. | 10 | | |
| “ Double Camellia flowered..... | hA | 2 | mixed. | 10 | | The Double Rose-flowered White Balsam is of unequalled purity and in great demand among florists. |
| “ New Carnation-striped..... | “ | 2 | “ | 10 | | |
| “ Double Solferino..... | “ | 2 | w., spt., str. | 10 | | |
| “ “ Victor..... | “ | 2 | w., sc. sp. | 10 | | The Double Victoria White Scarlet Spotted is very delicate in color and will become a great favorite. |
| Bartonia aurea..... | hA | 1 | yellow. | E | 5 | Bean.—Climbers, bearing clusters of dazzling scarlet, and pure white flowers. |
| Bean, Scarlet Runner..... | “ | 15 | “ | A | 5 | |
| “ White, “..... | “ | 15 | white. | 5 | | |
| Bellis Perennis, fl. pl..... | hP | $\frac{1}{4}$ | mixed. | C | 5 | Bellis.—Double Daisy.—Very handsome spring flowering plant. |
| Brachycome iberidifolia..... | hhA | 1 | mixed. | D | 5 | Brachycome.—Swan River Daisy. |
| Briza compacta..... | hA | 1 | “ | A | 5 | Briza.—Quaking Grass. |
| “ maxima..... | “ | 1 | “ | 5 | | |
| Bromus brizæ formis..... | hP | 1 | “ | C | 5 | Bromus.—Ornamental Grass for winter bouquets. |
| Browallia elata..... | hhA | $1\frac{1}{2}$ | mixed. | D | 5 | Browallia elata.—Is one of the finest of the few blue flowers, either for pot or garden culture, and useful for cutting for bouquets. |
| Bryonopsis laciniosa erythiocarpa..... | hhA | 5 | red | D | 10 | Bryonopsis.—Climber, producing green fruit, which subsequently turn to brilliant scarlet, striped with white. |
| Cacalia coccinea..... | hA | $1\frac{1}{2}$ | scarlet. | E | 5 | Cacalia.—Tassel Flower. |
| Calampelis scabra..... | hhA | 8 | orange. | D | 5 | Calampelis.—A good climber, flower tube shaped. |
| Calandrina discolor..... | hA | 1 | rose. | E | 5 | Calandrina.—Very desirable for pot plant; also for rockeries. |
| “ grandiflora..... | “ | 1 | rosy pink. | 5 | | |
| “ umbellata..... | “ | $\frac{1}{4}$ | crim. violet | 5 | | Calceolaria.—Lady's Slipper. Saved from the very choicest varieties of the finest collections. |
| Calceolaria hybrida, large flowered..... | gP | 2 | mixed. | F | 25 | |
| “ James' Prize splendid..... | “ | 1 | “ | 25 | | |
| Calendula pluvialis..... | hA | 1 | w. b. und'th | A | 5 | Calendula.—Cape Marigold. |
| Calendula Officinalis “Meteor”..... | “ | 1 | lt. orange. | 10 | | Calendula Off. Meteor. |
| California Poppy..... | “ | “ | “ | E | 5 | California Poppy.—See Eschscholtzia. |
| Calliopsis Drummondii..... | hA | $1\frac{1}{2}$ | pur. & yel. | “ | 5 | Calliopsis.—Very showy and continues to bloom a long time. |
| “ bicolor nana..... | “ | $1\frac{1}{2}$ | mixed. | 5 | | C. Drummondii is admirably adapted for borders. |
| Callirrhoe pedata nana..... | “ | 2 | mixed. | “ | 5 | Callirrhoe.—Profuse bloomer, continuing throughout the season. |
| Campanula medium, single..... | hP | 2 | “ | C | 5 | Campanula.—Canterbury Bell, will bloom first year if sown early. C. speculum, |
| “ speculum..... | hA | $\frac{1}{2}$ | mixed. | 5 | | Venus Looking Glass. |
| Canary Bird Vine..... | hhA | 10 | yellow. | D | 10 | Canary Bird Vine.—See Tropæolum canariense. |
| Candytuft..... | “ | “ | “ | E | 5 | Candytuft.—See Iberis. |
| Canna, Finest mixed..... | hhP | “ | mixed. | D | 5 | Canna.—Indian Shot. C. Nigricans has very dark foliage. C. Zebrina has striped foliage. The kinds catalogued are selected as the best of many varieties, especially for centres of beds containing ornamental foliage plants. |
| “ Nigricans..... | “ | “ | red. | 10 | | |
| “ Zebrina..... | “ | “ | scarlet. | 10 | | |
| Canterbury Bell..... | “ | “ | “ | C | 5 | Canterbury Bell.—See Campanula. |
| Cardinal Flower..... | “ | “ | “ | B | 5 | Cardinal Flower.—See Lobelia. |
| Cardiospermum Halicacabum..... | hhA | 5 | white. | “ | 5 | Cardiospermum.—See Baloon Vine. |
| Carnation..... | “ | “ | “ | A | 5 | Carnation.—See Dianthus. |
| Castor Oil Bean..... | “ | “ | “ | D | 5 | Castor Oil Bean.—See Ricinus. |
| Catchfly..... | “ | “ | “ | E | “ | Catchfly.—See Silene. |

CANNAS—Crozy's Dwarf Large Flowering French. A new class of Cannas, foliage luxuriant, plants dwarf in habit; large size and brilliant hues, all shades of yellow and orange to the richest crimson, scarlet and vermillion; also beautifully spotted. Seed sown in a hot bed or greenhouse from January to April will produce flowering plants in July. *Mixed*, Pkt. 10c.

“ **Marechal Vallant**. Foliage rich maroon; large bright orange flowers; 5 ft. Pkt., 5c.

“ **Tricolor**. Foliage green, red and creamy yellow; bright scarlet flowers: 3 ft. Pkt., 5c.

| NAME. | Hardiness and Duration. | Height. Feet. | Color of Flower. | Culture. | Per Pkt. | GENERAL OBSERVATIONS. |
|---|-------------------------|---------------|------------------|----------|----------|--|
| <i>Celosia, cristata nana</i> | hhA | 1 | crimson. | B | 5 | <i>Celosia</i> .—Cockscomb, showy plant, producing large combs of crimson or yellow flowers. |
| “ feathered..... | “ | 1 | mixed. | B | 5 | |
| “ japonica..... | “ | 2 | scarlet. | B | 10 | |
| <i>Centaurea candidissima</i> | hhP | 1 | silver fol. | E | 15 | <i>Centaurea</i> .—Dusty Miller; silver leaved foliage plants, extensively used in borders and bedding. Pick the buds off as they appear. They should not be allowed to flower if a thick mass of foliage is desired. <i>C. moschata</i> .—Sweet Sultan. |
| “ <i>gymnocarpa</i> | “ | 1½ | “ | E | 15 | |
| “ <i>moschata</i> | hA | 2 | blue. | E | 5 | <i>C. moschata</i> .—Sweet Sultan. |
| “ <i>cyanus</i> | “ | 2 | mixed. | E | 5 | <i>C. cyanus</i> .—Batchelor's Button. |
| <i>Centranthus macrosiphon</i> | “ | 1½ | red | E | 5 | |
| <i>Chamæpuece casabonæ</i> | hhP | 1 | orn. fol. | D | 10 | <i>Chamæpuece casabonæ</i> .—Handsome thistle-like foliage plants with dark green leaves, veined with white. |
| <i>Chrysanthemum, carinatum album</i> | hA | .. | white. | F | 5 | <i>Chrysanthemum</i> .—Free blooming flowers lasting late in the season, long after many other flowers are faded. |
| “ <i>idicum pompone, d'l fl'd</i> | hhP | 2 | dbl. white. | 10 | | <i>C. idicum pompone</i> is very double, pure white and a constant bloomer; excellent for cut flowers. |
| <i>Cineraria hybrida choice mixed</i> | gP | 2 | various. | “ | 25 | <i>Cineraria</i> .—Beautiful compact flowering plants of crimson, magenta and purple colors. |
| <i>Clarkia, best mixed</i> | hA | 1½ | mixed. | E | 5 | |
| <i>Clematis, fine mixed</i> | hP | 10 | “ | C | 10 | <i>Clematis</i> .—Fine climbing vines. |
| <i>Clianthus Dampieri</i> | A | 2 | sc. & blk. | A | 25 | <i>Clianthus</i> .—Should be started early in order to prove most successful. Flowers dazzling scarlet and black. |
| <i>Cobæa scandens</i> | hhA | 20 | purple. | B | 10 | <i>Cobæa</i> .—To attain full growth should be started in pots. Very rapid climber. |
| <i>Coccinia Indica</i> | hhP | 6 | red. | C | 10 | <i>Coccinia</i> .—Gourd family. Fruit scarlet. |
| <i>Cockscomb</i> | “ | “ | “ | B | “ | <i>Cockscomb</i> .—See <i>Celosia</i> . |
| <i>Coix lacryma</i> | hA | 1½ | “ | A | 5 | <i>Coix</i> .—Job's Tears. |
| <i>Collinsia</i> | “ | 1½ | mixed. | E | 5 | <i>Collinsia</i> .—Purple, blue and white flowers; very pretty. |
| <i>Columbine</i> | “ | “ | “ | C | “ | <i>Columbine</i> .—See <i>Aquilegia</i> . |
| <i>Convolvulus major</i> | hhA | 10 | finestmix'd | E | 5 | <i>Convolvulus Major</i> .—Morning Glory, tall; “C. Minor, Morning Glory, dwarf. |
| “ <i>tricolor minor</i> | “ | 1 | “ | D | 5 | <i>C. Mauritanticus</i> for hanging baskets. |
| “ <i>Mauritanicus</i> | hP | “ | blue. | C | 10 | |
| <i>Coreopsis</i> | “ | “ | “ | E | “ | <i>Coreopsis</i> .—See <i>Calliopsis</i> . |
| <i>Cosmanthus fimbriatus</i> | hA | 1 | lilac & w. | “ | 5 | <i>Cosmanthus</i> .—Flowers fringed and pretty, plant spreading. |
| <i>Cosmidium Burridgeanum</i> | “ | 2 | cr., br. & yel | “ | 5 | <i>Cosmidium</i> .—Flowers large and showy, similar to <i>Coreopsis</i> . |
| <i>Cucumis</i> | hhA | 6 | fine mixed. | B | 5 | <i>Cucumis</i> .—Ornamental Cucumber. <i>C. flexuosus</i> .—Snake Cucumber, bearing fruit three feet long. <i>C. dipsaceus</i> .—Teasel-formed. |
| “ <i>flexuosus</i> | “ | “ | “ | “ | “ | |
| “ <i>dipsaceus, teasel-formed</i> | “ | “ | “ | “ | “ | |
| <i>Cucurbita</i> | hhA | 6 | fine mixed. | E | 10 | <i>Cucurbita</i> .—Ornamental Gourd. <i>C. leucantha depressa</i> .—Green Fruit. <i>C. longissima</i> .—Curious fruit five feet long. |
| “ <i>leucantha depressa</i> | “ | “ | “ | “ | 10 | |
| “ <i>longissima</i> | “ | “ | “ | “ | 10 | |
| <i>Cyclamen persicum</i> | hhP | ½ | fine mixed. | B | 50 | <i>Cyclamen</i> .—Green house plants, very handsome bloomers. |
| <i>Cypress Vine</i> | “ | “ | “ | “ | “ | <i>Cypress Vine</i> .—See <i>Ipomæa Quamoclit</i> . |
| <i>Dahlia, double</i> | hhP | “ | finestmix'd | E | 5 | <i>Dahlia</i> .—Saved from the largest flowering and most double sorts. |
| “ <i>single</i> | hA | “ | “ | “ | 10 | |
| <i>Daisy, double</i> | “ | “ | “ | C | 5 | <i>Daisy</i> .—See <i>Bellis</i> . |
| <i>Datura fastuosa, finest double</i> | hA | 3 | mixed. | E | 10 | |
| <i>Delphinium (Larkspur)</i> | “ | “ | “ | C | “ | <i>Delphinium cashmerianum</i> . |
| “ <i>double, dwarf rocket</i> | hA | 1½ | “ | “ | 5 | |
| “ <i>double branching</i> | “ | 2 | “ | “ | 5 | <i>D. Giant Hyacinth fl'd</i> . |
| “ <i>Perennial sorts</i> | hP | 3-4 | “ | “ | 5 | <i>D. nudicaule</i> .—The finest perennial Larkspur, of dwarf compact growth, with abundant brilliant scarlet flowers. |
| “ <i>nudicaule</i> | “ | 1½ | scarlet. | “ | 5 | |
| “ <i>elatum</i> | “ | 5 | mixed. | “ | 5 | <i>Delphinium</i> .—The seed of the perennial sorts should be sown in spring; the plants will then become strong by fall and flower the following summer. |
| “ <i>formosum</i> | “ | 2 | blue&wht. | C | 5 | |
| <i>Devil-in-a-bush</i> | “ | “ | “ | A | 5 | <i>Devil-in-a-bush</i> .—See <i>Nigella hispanica</i> . |
| <i>Diamond Plant</i> | “ | “ | “ | B | 5 | <i>Diamond Plant</i> .—See <i>Mesembryanthemum</i> . |
| <i>Dianthus, Pink</i> | “ | “ | “ | C | “ | <i>Dianthus barbatus</i> .—Sweet William, will bloom the first year if sown early. <i>D. Chinensis</i> , Chinese Pink. |
| “ <i>barbatus, single</i> | hP | 1½ | mixed. | “ | 5 | |
| “ <i>double</i> | “ | 1½ | white. | “ | 5 | |
| “ <i>Caryophyllus (Carnation)</i> | hhP | 2 | finestmix'd | F | 20 | <i>D. carnation grenadin</i> .—“For Florists' purposes and sale plant this fine and floriferous carnation is invaluable.” |
| “ <i>Clove Pink</i> | “ | 2 | mixed. | “ | 20 | |
| “ <i>picotee</i> | “ | 2 | finestmix'd | “ | 25 | “It blooms three weeks earlier than any other variety, and furnishes a profusion |
| “ <i>perpetual or tree</i> | “ | 2 | “ | “ | 25 | |
| “ <i>grenadin</i> | “ | 2 | bril. scar. | “ | 15 | |

BUY YOUR TIN AND HARDWARE OF US.

Our Flower Seeds are Choice Imported Stock.

| NAME. | Hardness and Duration. | Height. Feet. | Color of Flower. | Culture. | Per Pkt. | GENERAL OBSERVATIONS. |
|---|------------------------------|------------------|------------------------|----------|----------|---|
| Dianthus, chineasis fl. pl. | hA | 1 | mixed. | D | 5 | of charming double flowers of brilliant scarlet. Being of dwarf and compact habit it is excellent for borders or masses. |
| " Imperial | " | 1 | " | " | 10 | |
| " Heddeewigi, double. | " | 1 | finestmix'd | " | 10 | |
| " laciniatus. | " | 1 | " | " | 10 | |
| Digitalis, Foxglove, lutea. | hP | 3 | mixed. | C | 5 | Digitalis, Foxglove.—Stately and ornamental growing plants; succeeding well in half shady places. |
| Dolichos Lablab. | .. | .. | mixed. | A | .. | Dolichos.—Rapid climbing plant, with large clusters of handsome flowers, producing, later in the season, in place of the flowers, pods of a deep purple color; very ornamental. |
| " Hyacinth Bean. | hA | 10 | .. | .. | 5 | |
| Elichrysium monstrosum. | hhA | 2 | mixed. | B | 5 | Elichrysium.—Everlasting or Eternal Flowers. Should be cut before the flowers are fully expanded and dried in the shade, if desired to be saved for winter bouquets. |
| Eragrostis elegans. | " | 2 | .. | B | 5 | Eragrostis.—Love Grass, for dried bouquets. |
| Erysimum Arkansanum. | hA | 1 | yellow. | A | 5 | Erysimum.—Showy annuals for borders or masses. |
| " Peroffskianum. | " | 1½ | orange. | " | 5 | |
| Erianthus Ravenne. | hP | 10 | .. | C | 10 | Erianthus.—A superb grass, resembling Pampas grass. |
| Eschscholtzia californica. | hA | 1 | yellow. | E | 5 | Eschscholtzia.—California Poppy. |
| Eucharidium grandiflorum. | " | 1 | mixed. | " | 5 | Eucharidium.—Pretty flowering annuals similar to Clarkia. |
| " " | " | 2 | white. | " | 5 | |
| Euphorbia variegata. | " | 2 | " | E | 5 | Euphorbia.—Variegated foliage. |
| Fenzlia dianthiflora. | " | ¼ | rosy lilac. | " | 10 | Fenzlia.—Splendid dwarf growing plant, suitable for small vases or pots, rustic work or windows. Remains in bloom a long time. |
| Feverfew. | .. | .. | .. | E | 5 | Feverfew.—See Matricaria. |
| Forget-me-not. | .. | .. | .. | D | 5 | Forget-me-not.—See Myosotis. |
| Four o'clock. | .. | .. | .. | A | 5 | Four o'clock.—See Mirabilis. |
| Foxglove. | .. | .. | .. | C | 5 | Foxglove.—See Digitalis. |
| Gaillardia picta. | hhA | 1½ | yellow. | A | .. | Gaillardia.—Very showy flowering plants, adapted for bedding, also charming for pot plants. |
| " " | " | 1½ | mixed. | " | 5 | |
| Gilia. | hA | 1 | finestmix'd | A | 5 | Gilia.—See Ten Weeks Stock. |
| Gilly Flower. | .. | .. | .. | B | .. | Gilly Flower.—See Ten Weeks Stock. |
| Globe Amaranthus. | .. | .. | .. | " | .. | Globe Amaranthus.—See Gomphrena. |
| Gloxinia French hybrida, saved from choicest flowers. | .. | 1 | mixed. | F | 50 | Gloxinia.—Stove house plants of great beauty. |
| Godetia rubicunda. | hA | 1½ | rose. | A | 5 | Godetia.—Excellent free blooming plants, very desirable for beds, borders and ribbons. |
| " finest mixed. | " | 1½ | mixed. | " | 5 | |
| Golden Eternal Flower. | .. | .. | .. | A | .. | Golden Eternal Flower.—See Elichrysium. |
| Gomphrena globosa. | .. | .. | .. | D | .. | Gomphrena.—Very handsome everlasting flowers. Should be cut when fully grown and hung up to dry in a dark dry place. Extensively used in Christmas Evergreen Wreaths. |
| " " mixed. | hhA | 2 | mixed. | .. | 5 | |
| Golden Featner. | .. | .. | .. | A | .. | Golden Feather.—See Pyrethrum. |
| Gourds. | hhA | 15 | mixed. | E | 5 | Gourds.—Ornamental climbing plants, producing fruit of the most singular forms and colors; very desirable for trellises, screens or arbors. |
| Gynerium argenteum. | hhP | 12 | silver. | F | 5 | Gynerium.—Pampas Grass. |
| Gypsophila elegans. | hA | 1½ | white. | E | 5 | Gypsophila.—Fine airy flowers, suitable for bouquets; very nice for growing in masses. |
| Heartsease. | .. | .. | .. | B | .. | Heartsease.—See Viola tricolor maxima. |
| Helianthus macrophyllus giganteus. | hA | 10 | yellow. | E | 5 | Helianthus.—Sunflower. Tall growing plants with immense yellow flowers. |
| " californicus double. | " | 6 | orange. | " | 5 | |
| " globosus fistulosus, fl. pl. | " | 4 | saf. color. | " | 5 | Helianthus globosus fistulosus fl. pl. —Flowers very large and double. |
| " nanus plena. | " | 2 | dbl. yellow. | " | 5 | |
| Heliotropium, dark varieties. | hhP | 2 | mixed. | F | 10 | Heliotropium.—Heliotrope. |
| Hibiscus africanus. | hA | 1½ | sul.&black. | " | 5 | Hibiscus.—Commonly named African Rose. |
| Hollyhock, best double. | hP | 6 | mixed. | 10 | .. | Hollyhock.—Saved from the best double sorts of the finest strains. |
| " Chate's d'ble extra fine. | " | 6 | " | 10 | .. | |
| Honesty. | .. | .. | .. | " | .. | Honesty.—See Lunaria. |
| Hyacinth Bean. | .. | .. | .. | " | .. | Hyacinth Bean.—See Dolichos. |
| Iberis (Candytuft) | hA | 1 | mixed. | 5 | .. | Iberis.—One of the best of annuals; excellent for growing in masses, edgings, borders, rockeries and rustic work. |
| " coronaria white rocket. | " | 1 | white. | " | 5 | |
| " umbellata. | " | 1 | " | " | 5 | |
| " purpurea (Dunnett's). | " | 1 | dark crim. | " | 5 | I. sempervirens, or perennial Candytuft, |

HARDWARE IS NECESSARY IN ALL FAMILIES---BUY OF US.

Beautify your Lawn by Using Our Seeds and Fertilizers.

| NAME. | Hardiness and Duration. | Height. Feet. | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|--|-------------------------|---------------|------------------|----------|---|
| <i>Iberis lilacina</i> | hA | 1 | deep pur. | 5 | is perfectly hardy, flowering very early in the spring. |
| " <i>sempervirens</i> | hP | 1 | white. | 5 | |
| " <i>pectinata odorata</i> | hA | 1 | " | 5 | |
| Ice Plant | .. | .. | .. | .. | |
| Indian Shot | .. | .. | .. | .. | Ice Plant. —See <i>Mesembryanthemum</i> . |
| <i>Ipomæa bona nox</i> | hhA | 10 | white. | 5 | Indian Shot. —See <i>Canna</i> . |
| " <i>coccinea</i> | " | 10 | scarlet. | 5 | <i>Ipomæa bona nox</i> .—Evening Glory. |
| " <i>marmorata grandiflora</i> | " | 10 | variegated. | 5 | <i>I. coccinea</i> .—Star <i>Ipomæa</i> . <i>I. grandiflora</i> .—Variegated Morning Glory. |
| " <i>quamoclit</i> (Cypress Vine)..... | " | 10 | mixed. | 5 | <i>I. quamoclit</i> .—Cypress Vine. An elegant and exceedingly graceful, fine foliaged climber, with star-like blossoms of various colors. The seed should be sown the last of May in a warm, sunny location. |
| Jacobæa | .. | .. | .. | .. | Jacobæa. —See <i>Senecio</i> . |
| Job's Tears | .. | .. | .. | .. | Job's Tears. —See <i>Coix lacryma</i> . |
| Lady's Slipper | .. | .. | .. | .. | Lady's Slipper. —See <i>Calceolaria</i> and <i>Balsam</i> . |
| <i>Lantana, hybrida finest</i> | hhP | 2 | mixed. | 10 | Larkspur. —See <i>Delphinium</i> . Lathyrus .—Sweet Pea. Fragrant and profuse flowering climbing plants continuing in blossom throughout the season. The seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Sow the seed in rows and support the vines with brush, or with strong twine fastened to stakes set among the plants. Our seed is saved only from the very finest sorts cultivated, and are true to name. |
| Larkspur | .. | .. | .. | .. | |
| <i>Lathyrus odoratus</i> (Sweet Pea)..... | hA | 5 | mixed. | 5 | |
| " Painted Lady | .. | .. | rose & wh. | 5 | |
| " Everlasting Pea | hP | 5 | .. | 5 | Lavender. —See <i>Lavendula</i> . Lavendula .—Well-known old-fashioned flower, highly prized for its peculiar odor. |
| " white | .. | 5 | .. | 5 | |
| Lavender | .. | .. | .. | .. | |
| Lavendula | hP | 2 | violet. | 5 | |
| Leptosiphon hybridus, French | hA | ¼ | various. | 10 | Leptosiphon. —Very pretty for ribbon beds and borders; colors blue, white, lilac, sulphur, purple and orange. |
| <i>Linaria cymbalaria</i> | hP | .. | lavender. | 10 | Linaria. —Kenilworth or Coliseum Ivy. |
| " Finest mixed | hA | 1 | mixed. | 5 | |
| <i>Linum grandiflorum rubrum</i> | hP | 1 | splen. scar. | 5 | |
| <i>Loasa hispida</i> | hA | .. | golden yel. | 5 | |
| " tricolor | .. | .. | yel. shaded | 5 | Linum. —Scarlet Flax. Loasa. —Climbers, with curious flowers. |
| Lobelia cardinalis Queen Victoria | hP | 2 | scarlet. | 10 | |
| " <i>erinus gracilis</i> | hA | ½ | dark blue. | 5 | |
| " <i>speciosa</i> Crystal Palace | hA | ½ | " | 5 | |
| " erecta | " | ½ | .. | 10 | Lobelia cardinalis. —Cardinal Flower. With darkest leaves, very beautiful. <i>L. speciosa</i> .—One of the most effective varieties for bedding. <i>L. erecta</i> .—Excellent for edgings and ribbon, or carpet-bedding; very fine and compact. |
| Lophospermum scandens | hhA | 10 | mixed. | 15 | |
| Love-in-a-mist | .. | .. | .. | .. | |
| Love-in-a-puff | .. | .. | .. | .. | |
| Love-lies-bleeding | .. | .. | .. | .. | Lophospermum. —Beautiful climbing plant, with very large trumpet-shaped flowers. |
| <i>Lunaria annua</i> | hB | 2 | purple. | 5 | Love-in-a-mist. —See <i>Nigella hispanica</i> . Love-in-a-puff. —See <i>Balloon Vine</i> . Love-lies-bleeding. —See <i>Amaranthus caudatus</i> . |
| Lupinus finest annual sorts mixed | hA | 2 | mixed. | 5 | |
| <i>Lychnis Haageana Fine Hybrid</i> | hP | 1 | scarlet. | 5 | |
| Maize Japanese | hA | 4 | striped leaf | 5 | |
| <i>Malope grandiflora</i> | " | 1½ | mixed. | 5 | Lunaria. —Honesty. Lupinus. —Lupine. Splendid plants, with long spikes of rose, white, lilac, red, yellow and blue flowers. Lychnis. —Ragged Robin. Maize. —Striped Japanese Corn. Very ornamental. Marigolds. —See <i>Tagetes</i> . |
| Marigolds | .. | .. | .. | .. | |
| <i>Martynia fragrans</i> | hhA | 1½ | crimson. | 5 | |
| Marvel of Peru | .. | .. | .. | .. | |
| <i>Matricaria capensis fl. pl.</i> | hhP | 1 | white. | 5 | Marvel of Peru. —See <i>Mirabilis</i> . Matricaria. —Feverfew; dwarf and very double. <i>M. par.</i> —See <i>pyrethrum</i> . |
| Maurandia Barclayana | hhP | 10 | .. | 10 | |
| " finest colors | " | 10 | mixed. | 10 | |
| Mesembryanthemum crystallinum | hA | ½ | white. | 5 | |
| Mignonette | .. | .. | .. | .. | Mesembryanthemum. —Ice Plant. Diamond Plant. Mignonette. —See <i>Reseda</i> . Mimosa. —Sensitive Plant. Mimulus cardinalis. —Monkey Flower; will bloom the first season from seed |
| <i>Mimosa pudica</i> | hhA | 2 | pink. wht. | 5 | |
| " cardinalis | hhP | 1 | scarlet. | 5 | |
| " tigrinus | " | 1 | spotted. | 10 | |

HARDWARE FOR FARMER, MECHANIC AND BUILDER.

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| NAME. | Hardness and Duration | Height, Feet | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|---|-----------------------|--------------|------------------|----------|--|
| Mimulus moschatus..... | hhP | ½ | yellow. | 10 | They like a damp, shady situation. M. moschatus. —Musk Plant. |
| Mirabilis Jalapa..... | " | 2 | finestmix'd | 5 | Mirabilis.—Marvel of Peru; Four o'clock. |
| Momordica balsamina..... | hhA | 10 | yellow. | 5 | Momordica.—Balsam Apple; trailing plants; fruit ornamental, yellow outside, when ripe, bursting open, showing its brilliant carmine interior. |
| Monkey Flower..... | --- | --- | --- | 10 | Monkey Flower.—See Mimulus. |
| Morning Glory..... | --- | --- | --- | 5 | Morning Glory.—See Convolvulus major. |
| Mourning Bride..... | --- | --- | --- | 5 | Mourning Bride.—See Scabiosa. |
| Mukia scabrella..... | A | 10 | sc. fruit. | 10 | Mukia.—Handsone Climber, with scarlet berries. |
| Musk Plant..... | --- | --- | --- | 10 | Musk Plant.—See Mimulus. |
| Myosotis alpestris cœrulea..... | hP | ¾ | blue. | 5 | Myosotis.—Forget-me-not; thrives best in moist and shady situations. |
| " azorica..... | hhP | ½ | dark blue. | 10 | |
| " palustris..... | hP | ½ | blue. | 10 | |
| Myrsiphyllum asparagoides..... | gP | 10 | foliage orn. | 20 | Myrsiphyllum.—Smilax; very graceful climber. Valuable for cutting for bouquets and decorations. |
| Nasturtium..... | --- | --- | --- | 10 | Nasturtium.—See Tropæolum. |
| Nemesia..... | hA | 1 | mixed. | 10 | Nemesia.—Compact growing and immensely profuse flowering. |
| Nemophilla insignis..... | " | 1 | mixed. | 5 | Nemophilla.—Very pleasing whether arranged in masses, ribbons or borders; of very compact growth and free flowering. |
| Nicotiana atropurpurea grand..... | hhA | 8 | purple. | 10 | Nicotiana tabacum fol. var.—New, striped leaves. |
| tabacum fol. var..... | " | 8 | str. leaf. | 10 | |
| Nigella damascena, fl. pl..... | hA | 1½ | dark blue. | 5 | Nigella.—Devil-in-a-bush. N. hispanica. —Love-in-a-mist. |
| " hispanica..... | " | 1½ | purple. | 5 | |
| Nolana atriplicifolia..... | " | 1½ | mixed. | 5 | Nolana.—Trailing plants; very useful for rustic work, hanging baskets and rockeries. |
| Nun's Whipping Post..... | --- | --- | --- | 10 | Nun's Whipping Post.— <i>A. maranthus melancholicus</i> . |
| Oenothera grandiflora Lamarckiana..... | hP | 3 | yellow. | 5 | Oenothera.—Evening primrose; large flowers three to four inches in diameter. |
| Pansy..... | --- | --- | --- | 10 | Pansy.—See Viola tricolor. |
| Papaver carnation double..... | hA | 2 | mixed. | 5 | Papaver.—Poppy; brilliant flowers, large and showy. |
| Peas, Sweet..... | --- | --- | --- | 10 | Peas, Sweet.—See Lathyrus odoratus. |
| Pentstemon hybridus..... | hP | 2 | mixed. | 25 | Pentstemon.—Herbaceous plants; start in hot-bed, in shape the flowers resemble the Gloxinia, and are of great beauty. |
| Perilla nankinensis..... | hhA | 2 | foliage orn. | 5 | Perilla.—Invaluable for contrasting with silver-leaved bedding plants; bronzy purple. |
| Petunia grandiflora Kermesina..... | hhP | 2 | crimson. | 25 | Petunia grand. kermesina.—With white throat; very large. P. grand. maculata. —Large flowering; blotched. P. grand. purpurea. —Fine dark varieties; splendid. P. splendid single. —Saved from the choicest flowers; very large. P. extra fine. —Double.—The seed of this strain has been obtained from the most perfect double blooms only. |
| " " maculata Inimitable..... | " | 2 | blotched. | 25 | |
| " " purpurea..... | " | 2 | purple. | 25 | |
| " " splendid single..... | " | 2 | mixed. | 25 | |
| " " extra fine, double..... | " | 2 | " | 50 | |
| " " fimbriata, splendid mixture, fringed varieties..... | --- | --- | --- | 50 | |
| Petunia hybrida, extra fine..... | hhP | 2 | mixed. | 10 | Petunia grand. fim. splendid mixture, fringed varieties. |
| " " grandiflora fimbriata, fl. pl., splendid mixture..... | " | 2 | mixed. | 50 | |
| Petunia hybrida, first quality..... | " | 2 | " | 10 | |
| " nana, compacta multiflora..... | --- | --- | --- | 10 | Petunia hyb. grand. fimbriata, double splendid mixture. |
| " nyctaginiflora..... | hhP | 2 | white. | 5 | Petunia n. com. mult. |
| Phlox Drummondii..... | hA | 1 | finestmix'd | 5 | Phlox.—Excellent for bedding in masses or for borders, flowering in great profusion. |
| " alba..... | " | 1 | white. | 5 | Alba aculata.—White, with purple eye. |
| " alba oculata..... | " | 1 | wht. & pur. | 5 | Atropurpurea.—Black warrior, deep blood purple. Coccinea.—Brilliant scarlet.—Leopoldi.—Bright rose, white eye. |
| " coccinea..... | " | 1 | scarlet. | 5 | |
| " Radowitzki..... | " | 1 | rose striped | 5 | Radowitzki.—Rose striped. Queen Victoria.—Blue, white eye. |
| " Leopoldi..... | " | 1 | rose & wht. | 5 | |
| " Queen Victoria..... | " | 1 | blue & wht. | 5 | |
| Poppy..... | --- | --- | --- | 10 | Poppy.—See Papaver. |
| Poor Man's Weather Glass..... | --- | --- | --- | 10 | Poor Man's Weather Glass.—See Anagallis. |
| Portulaca finest single..... | hA | ½ | mixed. | 5 | Portulaca.—Beautiful showy annuals, blooming all summer long, delightful in a sunny situation. Most desirable for exposed lawn borders and masses. Excellent for rockeries—the double varieties are unsurpassed for brilliancy of color. It is noticeable that a bed of Portulacas will |
| " grandiflora d'ble, ex. qual..... | " | ½ | " | 15 | |

Additional Flower Seeds on pages 20, 21, 22.

HARDWARE FOR MECHANIC AND FARMER.

Good Seeds and Fertilizers make Beautiful Lawns. We have both.

| NAME | Hardiness and Duration | Height, Feet | Color of Flower | Per Pkt. | GENERAL OBSERVATIONS. |
|--|------------------------|--------------|-----------------|----------|--|
| Portulaca..... | .... | .. | ..... | .. | seed itself for a number of years in succession, being naturally adapted to our climate. |
| Primula sinensis..... | hhP | ¾ | mixed. | 25 | Primula.—Should be sown in under glass in February and March, although many follow the English custom of sowing in July and August, but which proves to be less successful in this country. Our seed is raised by the most renowned growers in England, and have always given the best satisfaction. |
| “ “ fimbriata..... | “ | ¾ | “ | 50 | “ |
| Pyrethrum parthenifolium aurea..... | hP | 1 | foliage yel. | 10 | Pyrethrum.—Golden Feather, or Feverfew. P. fol. lac.—Splendid acquisition with elegant lacinated foliage. |
| “ Golden Feather..... | hP | 1 | foliage yel. | 10 | “ |
| “ parth. aurea fol. laciniatis..... | hP | 1 | foliage yel. | 10 | “ |
| Quaking Grass..... | .... | .... | ..... | 5 | Quaking Grass.—See Briza. |
| Ragged Robin..... | .... | .... | ..... | 5 | Ragged Robin.—See Lychnis. |
| Reseda odorata..... | hA | 1 | buff. | 5 | Reseda.—Mignonette Sweet. R. ameliorata is a large flowered variety and of pyramidal growth, esteemed very highly. |
| “ “ ameliorata..... | “ | .. | red. | 5 | “ |
| “ “ Golden Queen..... | “ | .. | yellow. | 10 | “ |
| “ “ Miles' New Spiral..... | hA | 1½ | buff. | 10 | “ |
| “ gigantea pyramidalis..... | “ | 2 | “ | 10 | “ |
| “ Parson's New White..... | “ | 1½ | white. | 10 | “ |
| Rhodanthe maculata..... | hhA | 1 | crimson. | 10 | “ |
| “ “ alba..... | “ | 1 | white. | 10 | “ |
| Ricinus borboniensis arboreus..... | “ | 15 | orn. fol. | 5 | Ricinus.—Castor Oil Bean. A robust, stately growing, ornamental foliage plant, whose immense leaves render it an object of universal admiration. Excellent for centre plants in large beds where a subtropical effect is desired. |
| “ giganteus glaucus..... | “ | 10 | “ | 5 | “ |
| “ Gibsoni..... | “ | 8 | “ | 5 | “ |
| “ sanguineus (Obermanni)..... | “ | 10 | “ | 5 | “ |
| “ species from the Philippines..... | “ | 10 | “ | 5 | “ |
| “ dwarf rose..... | “ | 4 | “ | 5 | “ |
| Rose Campion..... | .... | .... | ..... | 5 | Rose Campion.—See Agrostemma. |
| Rose of Heaven..... | .... | .... | ..... | 5 | Rose of Heaven.—See Viscaria. |
| Rose of Sharon..... | .... | .... | ..... | 5 | Rose of Sharon.—See Hibiscus. |
| Salpiglossis variabilis, fine mixed..... | hhA | 2 | mixed. | 5 | Salpiglossis.—Highly ornamental; flowers are funnel-shaped, and beautifully and curiously marbled and penciled. |
| Salvia coccinea splendens..... | hhA | 2 | scarlet. | 10 | Salvia.—Brilliant and exceedingly useful for back-ground bedding purposes. S. splendens is truly magnificent, being literally covered with gorgeous scarlet blossoms, and remaining in bloom very late. |
| “ splendens..... | hhP | 3 | blue. | 25 | “ |
| “ patens..... | “ | 2½ | blue. | 25 | “ |
| “ argentea..... | hhA | 2 | silver. | 25 | “ |
| Sanvitalia procumbens, fl. pl..... | hA | ½ | yellow. | 5 | Sanvitalia.—Flowers bright yellow and very double. |
| Saponaria..... | “ | ½ | mixed. | 10 | Saponaria.—Immensely profuse blooming annuals, producing masses of minute cross-shaped rose and white flowers. |
| Scabiosa atropurpurea major..... | hA | 2 | fine mixed. | 5 | Scabiosa.—Mourning Bride, or Sweet Scabiosa. S. atro. cand.—Excellent for cutting for bouquets. |
| “ atro. candidissima..... | “ | 1 | pure white. | 10 | “ |
| “ minor, fl. pl..... | “ | 1 | fine mixed. | 10 | “ |
| Schizanthus, finest..... | hA | 1 | mixed. | 5 | “ |
| Sedum coeruleum..... | “ | ¼ | blue. | 10 | “ |
| Senecio double..... | “ | 1 | finest mix'd | 5 | Sedum.—Stone crop. |
| “ dwarf..... | “ | ½ | “ | 10 | Senecio.—Jacobaea. |
| Sensitive Plant..... | .... | .... | ..... | 5 | Sensitive Plant.—See Mimosa. |
| Silene armeria..... | hA | 2 | fine mixed. | 5 | Silene.—Catch-fly.—Dwarf compact growing edging plants, literally covered with blossoms. |
| Smilax..... | .... | .... | ..... | .. | Smilax.—See Myrsiphyllum. |
| Snapdragon..... | .... | .... | ..... | .. | Snapdragon.—See Antirrhinum. |
| Solanum capsicatum..... | hhP | .. | sc. fruit. | 10 | Solanum capsicatum.—Jerusalem Cherry. |
| “ Lobeli..... | “ | .. | “ | 10 | “ |
| Statice sinuata hybrida..... | hP | 1 | mixed. | 5 | Statice.—Purple and yellow flowers, remaining a long time in a good condition after being cut; valuable for winter bouquets. |
| Stipa pennata..... | hP | 2 | ..... | 5 | Stipa.—Feather Grass. |
| Stocks, ten weeks (Mathiola)..... | .... | .... | ..... | .. | Stocks, Ten Weeks, or Gilliflower.—This is one of the most popular flowers cultivated whether for borders, masses, hanging baskets or pot culture. Its bright colors and spicy fragrance render it an object of universal admiration. |
| “ double dwarf German..... | hhA | 1½ | mixed. | 5 | “ |
| “ “ large flowering..... | “ | 1 | “ | 10 | “ |
| “ “ “..... | “ | 1 | pure white. | 10 | “ |
| “ “ “..... | “ | 1 | purple. | 10 | “ |
| “ “ “..... | “ | 1 | dark crim. | 10 | “ |
| “ “ “..... | “ | 1 | scarlet. | 10 | “ |
| “ “ “..... | “ | 1 | canary yel. | 10 | “ |
| “ large flow'ing pyramidal dwarf..... | “ | 1 | mixed. | 10 | “ |
| “ Winter, or Brompton..... | hB | 2 | “ | 10 | “ |
| “ Emperor, or Perpetual..... | hhP | 1½ | “ | 10 | “ |

Our Flower Seeds are the Best Imported Stock.

HARDWARE OF ALL KINDS.—BUY OF US.

Tin Work Made and Repaired Promptly.

| NAME. | Hardiness and Duration. | Height, Feet. | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|---|-------------------------------|------------------|------------------------|-------------|--|
| Sunflower..... | .. | .. | .. | .. | Sunflower.—See Helianthus. |
| Swan River Daisy..... | .. | .. | .. | .. | Swan River Daisy.—See Brachycome. |
| Sweet Alyssum..... | .. | .. | .. | .. | Sweet Alyssum.—See Alyssum. |
| Sweet Pea..... | .. | .. | .. | .. | Sweet Pea.—See Lathyrus. |
| Sweet Rocket..... | .. | .. | .. | .. | Sweet Rocket.—See Hesperis. |
| Sweet Sultan..... | .. | .. | .. | .. | Sweet Sultan.—See Centaurea. |
| Sweet William..... | .. | .. | .. | .. | Sweet William.—See Dianthus. |
| Tagetes double African..... | hhA | 2 | mixed. | 5 | Tagetes.—Marigold; good old-fashioned flowers, very popular. |
| “ “ French..... | “ | 1½ | “ | 5 | |
| “ “ signita pumila..... | “ | 1 | br. & yel. | 5 | |
| Tassel Flower..... | hA | 6 | mixed. | 5 | Tassel Flower.—See Cacia. |
| Thunbergia, finest..... | hA | 6 | mixed. | 5 | Thunbergia.—Rapid, free-blooming climber, flowers buff, orange and white. |
| Trifolium suaveolens..... | “ | 2 | .. | 5 | Trifolium.—Sweet scented clover. |
| Trichosanthes coccinea..... | hhA | 4 | mixed. | 10 | Trichosanthes.—Small oval green and white marbled gourds, changing to scarlet, beautiful. |
| Tritoma uvaria..... | hP | 4 | orange red | 10 | Tritoma.—Red-hot-poker plant. |
| Tropæolum canariense..... | hhA | 10 | yellow. | 10 | Tropæolum Canariense.—Canary-bird flower; a great favorite, with pretty yellow flowers, resembling a bird with wings spread; very graceful climber. T. Lobb. are very ornamental climbers, useful alike in the greenhouse, parlor or garden; constant bloomers. T. Majus is the tall growing Nasturtium; very serviceable for garden culture, as they withstand almost the most excessive drought; very free flowering, and vigorous growing climbers. T. Tom Thumb, are suitable to be grown in clumps, masses, or alone, and will produce the most pleasing effect. The kinds catalogued are those of most recent introduction, and form an assortment of unqualified excellence. Great pains have been taken to have all our varieties true to name, and we recommend them very highly. |
| “ Lobianum Brilliant..... | “ | 6 | dark scar. | 10 | |
| “ “ Crown Prince of Prussia..... | “ | 6 | blood red. | 10 | |
| “ “ Giant des Batailles..... | “ | 6 | carmine. | 10 | |
| “ “ Lilli Smith..... | “ | 6 | crimson. | 10 | |
| “ “ Napoleon III..... | “ | 6 | ver. striped | 10 | |
| “ “ Lucifer (very rare)..... | “ | 6 | cri. dk. fol. | 10 | |
| “ “ Roi des Noirs..... | “ | 6 | almost blk. | 10 | |
| “ “ Spitfire..... | “ | 6 | bright scar. | 10 | |
| “ “ finest varieties..... | “ | 6 | mix. colors. | 5 | |
| “ majus atropurpureum..... | “ | 6 | black bro'n | 10 | |
| “ “ coccineum..... | “ | 6 | scarlet. | 10 | |
| “ “ luteum..... | “ | 6 | yellow. | 5 | |
| “ “ regellianum..... | “ | 6 | pur. violet. | 10 | |
| “ cœruleo roseum..... | “ | 6 | d. rose. | 10 | |
| “ majus, finest varieties..... | hhA | 6 | mixed. | 5 | |
| Tom Thumb, Carter's scarlet..... | hA | 1 | scarlet. | 10 | |
| “ “ Crystal Palace Gem..... | “ | 1 | sul. col. spt. | 10 | |
| “ “ King of Tom Thumbs..... | “ | 1 | dp. scarlet. | 10 | |
| “ “ King Theodore..... | “ | 1 | very dark | 10 | |
| “ “ Pearl..... | “ | 1 | nearly wht. | 10 | |
| “ “ Ruby King (new)..... | “ | 1 | carmine. | 10 | |
| “ “ luteum..... | “ | 1 | bright yel. | 10 | |
| “ “ cœruleo roseum..... | “ | 1 | mar. tint. | 10 | |
| Venus' Looking Glass..... | .. | .. | .. | .. | Venus' Looking Glass.—See Campanula speculum. |
| Verbena hybrida, choice named col's..... | hhP | .. | mixed. | 15 | Verbena Candidissima, New.—With immense trusses of flowers of the purest white; best for sale plants. V. Striata.—Italian carnation-like striped, very choice. |
| Veronica syriaca..... | hhA | ½ | blue & wht. | 5 | Veronica.—Highly esteemed for edgings, rockeries, or pot plants. |
| “ “ fl. albo..... | “ | ½ | white. | 5 | |
| Vinca rosea..... | g sh. | 2 | rose. | 10 | Vinca.—If sown early, in the house, will blossom same season; very bright shining green foliage, flowers are delightfully pleasing. |
| “ alba..... | g sh. | 2 | white. | 10 | |
| Viola tricolor maxima, Pansy, finest..... | hP | ½ | mixed. | 5 | Viola, Pansy.—Start early in March, in the house, if no greenhouse is convenient, a sunny window will answer. Sow lightly in fine loam, in a box or flower-pot, and transplant when well up. Transplant several times before finally transplanting out doors. Pinch off the first buds as soon as they appear, and from early fall until the ground freezes you will have the largest pansies possible to grow. |
| “ “ “ very large flow'g..... | “ | ½ | “ | 5 | |
| “ “ “ candidissima..... | “ | “ | white. | 20 | |
| “ “ “ Snow Queen..... | “ | “ | “ | 20 | |
| “ Emperor William..... | “ | ½ | deep blue. | 10 | |
| “ Faust, or King of the Blacks..... | “ | ½ | coal black. | 10 | |
| “ Odier, or five blotched..... | “ | ½ | various. | 10 | |
| “ Gold-margined..... | “ | ½ | mer. with y | 10 | |
| “ Violet color margined..... | “ | ½ | mar. with w | 15 | |
| “ White Treasure..... | “ | ½ | pure white. | 15 | |
| “ Yellow..... | “ | ½ | pure yel. | 15 | |
| “ good quality..... | “ | ½ | mixed. | 5 | |
| “ odorata. The Czar (Violet)..... | “ | ½ | blue. | 25 | |
| Viscaria hybrida splendens..... | hA | 1-2 | mixed. | 5 | Viscaria.—Flowers maroon, pink, carmine and rose. |
| Waitzia grandiflora..... | hA | 1 | yellow. | 20 | Waitzia.—Everlasting flowers; very desirable for winter bouquets. |
| Wall Flower..... | hhP | 1½ | mixed. | 10 | Wallflower.—Cheiranthus. |
| Whitlavia grandiflora alba..... | hA | 1½ | white. | 5 | |
| “ “ “..... | “ | 1½ | purple. | 5 | |
| Wigandia caracasana..... | hhS | 8 | or. leaf. | 10 | Wigandia.—Elegant, stately, ornamental plants. |
| “ vigieri..... | “ | 8 | “ | 10 | |

SHEARS, SCISSORS AND FINE CUTLERY.

We Carry a Fine Stock of Hardware, Glass and Putty.

Use our Special Lawn Dressing and Avoid Foul Weeds.

| NAME. | Hardness and Duration. | Height. Feet. | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|-----------------------------|------------------------------|------------------|------------------------|----------|--|
| Xeranthemum..... | hA | 2 | mixed. | 10 | Xeranthemum — Everlasting flowers, useful for summer or winter bouquets. |
| Zea Japonica..... | " | 6 | strip'd leaf. | 5 | Zea Japonica—See Maize. |
| Zinnia elegans fl. pl. | Ahh | 2 | mixed. | 5 | Double Zinnia — Of rea beauty and very desirable for grouping or mixed borders; flowers of carmine, white, crimson, orange and purple flowers. |

ORNAMENTAL GRASSES.

All of these varieties are exceedingly graceful, and very useful in making winter bouquets and various designs for winter decorations. Should be cut before they are entirely matured and hung up in bunches until perfectly dry.

| NAME. | Hardness and Duration. | Height. Feet. | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|---------------------------|------------------------------|------------------|------------------------|----------|--------------------------------------|
| Agrostis nebulosa..... | hA | 1 | ..... | 5 | Avena—Animated Oats. |
| Avena sterilis..... | " | 2 | ..... | 5 | Briza—Quaking Grass. |
| Briza compacta..... | " | 1 | ..... | 5 | Coix lacrymus—Job's Tears. |
| " maxima..... | " | 1 | ..... | 5 | Coix lacrymus—Job's Tears. |
| Bromus brizaeformis..... | " | 1 | ..... | 5 | Eragrostis—Love Grass. |
| Coix lacryma..... | " | 1½ | ..... | 5 | Eragrostis—Love Grass. |
| Eragrostis elegans..... | " | 1 | ..... | 5 | Erianthus—Beautiful and very showy. |
| Erianthus Ravennæ..... | hP | 10 | ..... | 10 | Gynierium—Pampas Grass. |
| Gymnothrix latifolia..... | hhP | 8 | ..... | 5 | Stipa—Feather Grass. |
| Gynierium argenteum..... | " | 8 | ..... | 5 | Stipa—Feather Grass. |
| Stipa pennata..... | hA | 1½ | ..... | 5 | Zea—Japanese Maize (striped leaves). |
| Zea Japonica..... | " | 6 | ..... | 5 | |

CLIMBING VINES, ORNAMENTAL GOURDS, &c.

| NAME. | Hardness and Duration. | Height Feet. | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|---|------------------------------|-----------------|------------------------|----------|--|
| <i>Abobra viridiflora</i> | hhP | 6 | green. | 5 | <i>Abobra</i> —Ornamental Gourd, with elegant foliage and scarlet fruit. |
| <i>Adulia cirrhosa</i> | hB | 15 | pink. | 10 | <i>Adulia</i> —Mountain Fringe. |
| <i>Aristolochia siph.</i> | hA | 20 | yel. & bro. | 5 | <i>Aristolochia</i> —Dutchman's Pipe. |
| Beans..... | hA | 15 | various. | 10 | Beans—Scarlet and White Runners. |
| <i>Bryonopsis erythrocarpa</i> | hhA | 5 | red. | 10 | <i>Bryonopsis</i> —Ornamental Gourd, striped, beautiful. |
| Ballon Vine..... | " | 5 | ..... | 10 | Ballon Vine. |
| <i>Calampelis scabra</i> | " | 8 | orange. | 10 | <i>Calampelis</i> —Excellent for trellises. |
| Canary-bird-flower..... | " | 10 | yellow. | 5 | Canary-bird-flower—See <i>Tropæolum canariense</i> . |
| <i>Cardospermum halicacabum</i> | " | 10 | white. | 5 | <i>Cardospermum</i> —Ballon Vine. |
| <i>Clematis</i> | hP | 10 | mixed. | 10 | <i>Coccinea</i> —Ornamental Gourd with scarlet fruit. |
| <i>Cobaea scandens</i> | hhA | 20 | purple. | 5 | <i>Convolvulus</i> —Morning Glory. |
| <i>Coccinea indica</i> | hhP | 6 | ..... | 5 | <i>Cucumis</i> —Ornamental Cucumber. |
| <i>Convolvulus major</i> | hhA | 10 | mixed. | 5 | <i>Cucurbita</i> —Ornamental Gourds, very desirable for screens. |
| " <i>mauritanicus</i> | hP | trail | blue. | 15 | |
| <i>Cucumis</i> | hhA | 10 | mixed. | 5 | |
| <i>Cucurbita</i> | hhA | 16 | yellow. | 5 | |
| " <i>Hercules' Club</i> | " | 16 | " | 5 | |
| " <i>Mock Orange</i> | " | 16 | " | 5 | |
| " <i>Powder Horn</i> | " | 16 | " | 5 | |
| " <i>Smallest Lemon</i> | " | 6 | " | 5 | |
| " <i>Gooseberry</i> | " | 6 | " | 5 | |
| " <i>Pear-shaped</i> | " | 6 | " | 5 | |
| <i>Cypress Vine</i>..... | ..... | 10 | ..... | 5 | <i>Cypress Vine</i> — <i>Ipomea quamoclit</i> . |
| <i>Dolichos lablab</i> , <i>Hyacinth Bean</i> | hA | 10 | purple. | 5 | |
| " " "..... | " | 10 | white. | 5 | |
| <i>Ipomea bona nox</i> | hhA | 10 | " | 5 | <i>Ipomea bona nox</i> —Evening Glory. I. |
| " <i>coccinea</i> | " | 10 | scarlet. | 5 | <i>coccinea</i> —Star <i>Ipomea</i> . I. marmo. |
| " <i>marmorata grandiflora</i> | " | 10 | variegated. | 5 | <i>grand</i> —Variegated Morning Glory. |
| " <i>quamoclit</i> <i>Cypress Vine</i> | " | 10 | mixed. | 5 | I. <i>quamoclit</i> — <i>Cypress Vine</i> . |

HARDWARE, TOOLS AND IMPLEMENTS.

See our Pages of Small Tools, 17, 18, 19.

| NAME. | Hardness and Duration. | Height, Feet. | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|--|------------------------------|------------------|------------------------|----------|--|
| <i>Ipomæa quamoclit</i> | hhA | 10 | scarlet. | 5 | Nasturtium— <i>Tropæolum majus</i> . |
| " " "..... | " | 10 | white. | 5 | |
| " " "..... | " | 10 | rose. | 5 | |
| <i>Maurandia barclayana</i> | hhP | 10 | blue & wht. | 10 | |
| " finest colors..... | " | 10 | mixed. | 10 | |
| <i>Momordica balsamina</i> | hhA | 10 | yellow. | 5 | |
| <i>Nasturtium</i> Tall, finest colors..... | " | 6 | mixed. | 10 | |
| " " "..... | " | 6 | scarlet. | 10 | |
| " " "..... | " | 6 | rose tinted. | 10 | |
| " " "..... | " | 6 | violet. | 5 | |
| Peas, Sweet, finest colors..... | hA | 9 | yellow. | 5 | Peas, Sweet—See <i>Lathyrus odoratus</i> . |
| " Capt. Clarke..... | " | 9 | mixed. | 5 | |
| " Crown Princess of Prussia..... | " | 9 | tricolor. | 5 | |
| " Invincible..... | " | 9 | blush. | 5 | |
| " Red..... | " | 9 | scarlet. | 5 | |
| " White Striped..... | " | 9 | dark. | 5 | |
| " " "..... | " | 9 | purple. | 5 | |
| " Light Blue..... | " | 9 | red. | 5 | |
| " Pure White..... | " | 9 | purple. | 5 | |
| <i>Thunbergia</i> | hA | 6 | mixed. | 5 | |

EVERLASTING FLOWERS.

The same remarks previously written in regard to Ornamental Grasses, are applicable to Everlasting Flowers.

| NAME. | Hardness and Duration. | Height, Feet. | Color of Flower. | Per Pkt. | GENERAL OBSERVATIONS. |
|-------------------------------------|------------------------------|------------------|------------------------|----------|--|
| <i>Acrolinium roseum</i> | hhA | 1 | rose. | 5 | Gomphrena—Globe Amaranthus. |
| " album..... | " | " | white. | 5 | |
| <i>Ammobium alatum</i> | hA | 2 | " | 5 | |
| <i>Gomphrena globosa</i> | hhA | 2 | red. | 5 | |
| " " "..... | " | 2 | white. | 5 | |
| " " "..... | " | 2 | striped. | 5 | Helichrysum—Elichrysum, or Eternal Flower. |
| " " "..... | " | 2 | mixed. | 5 | |
| <i>Helichrysum monstrosum</i> | hA | 2 | white. | 5 | |
| " " "..... | " | 2 | yellow. | 5 | |
| " " "..... | " | 2 | rose. | 5 | |
| <i>Rodanthe maculata</i> | hhA | 1 | " | 10 | Xeranthemum..... |
| " " alba..... | " | 1½ | white. | 10 | |
| " " "..... | hA | 2 | mixed. | 10 | |

List of Flower Seeds Suitable for Hanging-Baskets, Vases, and Window Boxes.

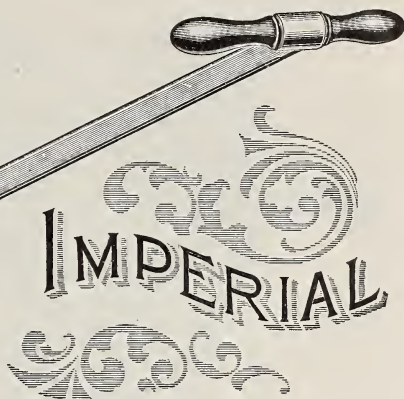
| NAME. | Color of Flower. | Per Pkt. | NAME. | Color of Flower. | Per Pkt. |
|--|------------------------|----------|--|------------------------|----------|
| <i>Ageratum Mexicanum</i> | blue. | 5 | <i>Mesembryanthemum</i> , Ice Plant.. | mixed. | 5 |
| <i>Alyssum</i> , Sweet..... | white. | 5 | <i>Mimulus</i> , moschatus, Musk Plant.. | yellow. | 10 |
| <i>Anagallis</i> | mixed. | 5 | <i>Nasturtium</i> , dwarf..... | mixed. | 5 |
| <i>Calandrina umbellata</i> | crimson. | 10 | " <i>T. lobbianum</i> | " | 10 |
| <i>Centaurea gymnocarpa</i> | silver leaf. | 15 | <i>Nemophila insignis</i> | " | 5 |
| " <i>candidissima</i> | " | 15 | " <i>maculata</i> | " | 5 |
| <i>Clintonia elegans</i> | blue. | 10 | <i>Nolana atriplicifolia</i> | " | 5 |
| <i>Convolvulus mauritanicus</i> | lavender. | 15 | <i>Petunia</i> single..... | " | 10 |
| <i>Eucharidium grandiflorum</i> | crimson. | 5 | " double or fringed..... | " | 50 |
| <i>Fenzlia dianthiflora</i> | rosy lilac. | 25 | <i>Portulaca</i> double..... | " | 15 |
| <i>Gilia tricolor</i> | mixed. | 5 | <i>Sanvitalia procumbens</i> | yellow. | 10 |
| <i>Iberis amara</i> (Candytuft)..... | white. | 5 | <i>Saponaria</i> | mixed. | 10 |
| <i>Linaria</i> (<i>Coliseum</i> Ivy)..... | mixed. | 5 | <i>Sedum coeruleum</i> | " | 10 |
| <i>Lobelia erinus</i> | blue. | 10 | <i>Stocks</i> , large flowering..... | mixed. | 10 |
| " <i>gracilis</i> | " | 10 | | | |

Use our Plant Food for Flowers, and Sheep Fertilizing for Lawns.
For Small Tools, &c., see pages 17 to 29.

High Wheel Imperial.

Absolutely Warranted for two years.
Positive Adjustment. Has no Equal.

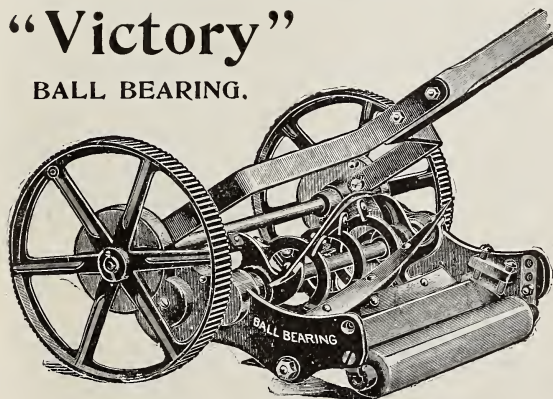
In Public Parks, Private Lawns and
Cemeteries everywhere.



ASK FOR SPECIAL CATALOGUE. 16 in. \$9.50. 18 in. \$10.50. 20 in. \$12.00. 22 in. \$13.00

"Victory"

BALL BEARING.



TOWNSEND'S

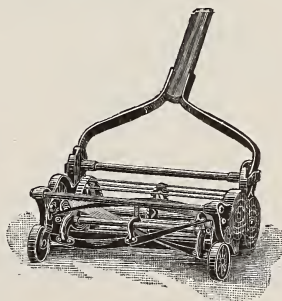
Ball Bearing Lawn Mower.

This is unquestionably the best
Ball Bearing Mower on the mar-
ket. Perfect in every detail, ab-
solutely guaranteed.

| | |
|---------|---------|
| 16 inch | \$ 9 50 |
| 18 " " | 10 50 |
| 20 " " | 12 00 |
| 22 " " | 13 00 |

"New Easy," Lawn and Border Mower.

The NEW EASY is one of the best, most reliable
all round Mower ever built. Can do more varied and
satisfactory work and is especially designed to cut the
grass on borders, narrow strips of sod, sometimes only a
few inches wide—between flower beds and walks, where
a side wheel Mower would have one wheel down in the
gutter, and in consequence, the Mower would cut into
the sod. In this Mower a large light cylinder extends
the full length of the Mower and prevents and keeps the
machine level with the surface and does perfect work.
It is very light running, and will give thorough satisfac-
tion.



THE NEW EASY.

LAWN ROLLERS, VARIOUS SIZES AND WEIGHTS, **\$8.00 AND UP**
LAWN MOWERS SHARPENED AND REPAIRED.



PURE GROUND BONE,

Per 100, \$2.00

These fertilizers are free from foul seeds and are natural grass producers.

SHEEP FERTILIZER, \$3.00 PER 100 lbs.

LAWN SEEDS.

We refer to the *best Lawns of Syracuse* to show what we are doing to promote this good work in our midst. For years we have studied the nature of grasses, their adaptation to soils, the time of maturing, height, color, &c., with this object in view. We use in our mixture only grasses that harmonize in color and size, using both early and late varieties, that our lawns may remain green and beautiful all through the season. We have reached the goal in this line and we are sure there is no better mixture for lawns than ours. In the first place we intend to have our *Lawn seed strictly pure*. We examine every variety under a glass before we mix them, that our lawn seed may be free from foul weeds. We use all fibrous rooted perennial grasses so that they will stand the drouth and close cutting with the lawn mower without killing. We select grasses that harmonize in size in order to produce a fine velvety appearance and form a thick covering on the ground.

Per lb. 25c; per 100 lbs. \$18.00.

LAWN SUPPLIES.

Garden Hose, all sizes and prices.

Nozzles,
Hose Menders,
Garden Reels,
Lawn Mowers,
Lawn Seed,
Lawn Dressing,
Lawn Fertilizers,
Lawn Rollers,
Lawn Rakes,
Lawn Weeders,
Lawn Sprinklers,
Lawn Baskets.

GARDEN AND LAWN HOSE.

We carry a full line of $\frac{1}{2}$ and $\frac{3}{4}$ inch Hose of various grades from 8c to 20c per foot.

HOSE REELS at \$1.25.



No. 2

LIGHTNING HOSE MENDER

PAT. MAY 23-99



WRIGHT'S HANDY WEEDER.

CUT UP!

PULL UP!

PICK UP!

Price 75c.

WE SELL FERTILIZERS OF ALL KINDS.

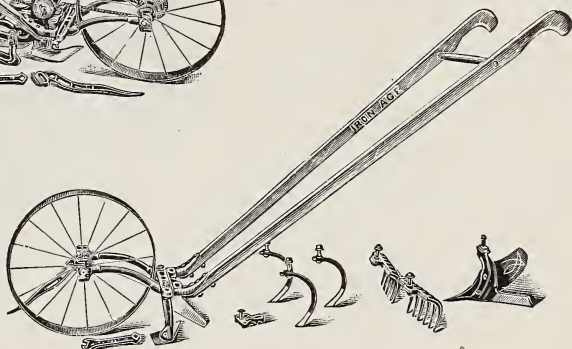
No. 15. Iron Age Combined Single Wheel Hoe, Hill and Drill Seeder, Price \$9.00.

Combined in this tool is the best Hill and Drill Seeder and Single Wheel Hoe ever offered to the public. In combining these tools, not a single advantage of a separate Single Wheel Hoe or Seed Drill is lost. As each they are, in themselves, complete. Changed from one form to another almost instantly, completely filling every desire both as to method of handling seed and soil.



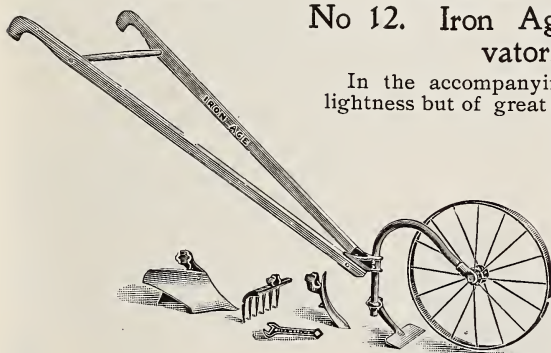
It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

The Wheel is made of steel. 16 in. high; the frame of pipe, coupled to malleable castings; therefore light, (runs easy) strong and durable.



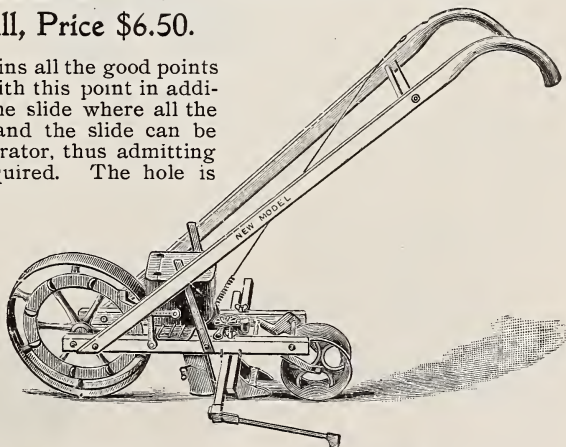
No. 12. Iron Age Wheel Plow and Cultivator, Price, \$3.00.

In the accompanying cut we show a tool of exceeding lightness but of great strength, which is designed to do a greater variety of work than any other tool of the same price. It will accomplish all the work necessary in a small garden,—plowing, furrowing, covering, hoeing, raking and cultivating. This tool is emphatically a friend of the laborer or mechanic who can afford only a small amount of money in a garden tool, and whose few moments in a garden must be devoted to "straight-ahead" work.



The New Model Steel Drill, Price \$6.50.

The New Model Steel Drill contains all the good points of every old drill in the market, with this point in addition: the slide, or hole through the slide where all the seeds have to pass, is adjustable, and the slide can be changed to a fraction by the operator, thus admitting exactly the quantity of seed required. The hole is diamond shaped, which is another advantage for rough or irregular shaped seed. CUT OFF—The flow of seed can be instantly stopped by a swinging cut-off, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it cannot injure the falling seeds.



No. 22. "Iron Age" Combined Fertilizer Distributor, Hill and Drill Seeder, Price \$16.00.

In these days of strong competition in the growing of crops, it becomes necessary for the market gardener to make a study of the most economical use of fertilizers, and to obtain this economy requires such a tool as in accompanying cut, which applies the fertilizer in connection with the seed, just where it will do its greatest good; or, by the use of the same tool in its other form, as shown below by applying quick acting fertilizers to growing plants.

Although a tool designed to do so much, it is perfectly simple, light of draught, strong and perfection in the quality of the work done by it. These plows are adjustable in depth and width, which allows the adjustment of the depth at which the fertilizer is sown and allows its distribution in narrow streams at different distances. The Plows are immediately followed by the coverers which draw the soil over the fertilizer just deposited.

The Fertilizer Distributor is thoroughly reliable in its distribution of fertilizer. It contains a force feed device which prevents stoppage by small lumps.

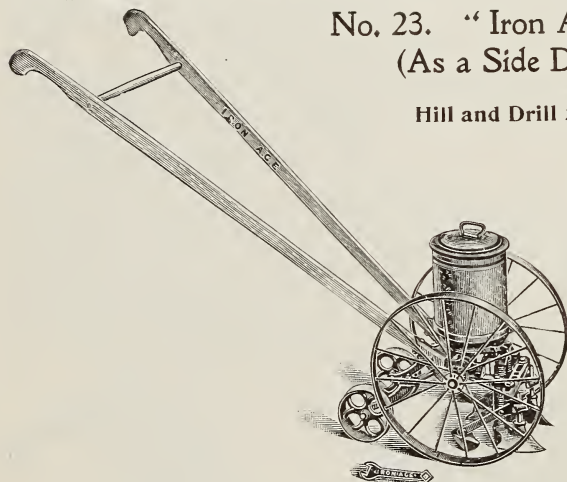
The Seed Sower Device is practically the same as used on Nos. 6 and 15 Combined Seed Drills. The seed may be sown in rows or dropped in hills at 4, 6, 8, 12 or 24 inches apart.



No. 23. "Iron Age" Fertilizer Distributor, (As a Side Dresser) Price, \$12.00.

Hill and Drill Seeder Attachment, \$4.00.

The side or top dressing of growing plants has become a practice of great importance. It is not merely a matter of the economical distribution of high-priced fertilizers, but what is of more consequence, the placing of it just where the rootlets will quickly seize and absorb its chemical constituents.

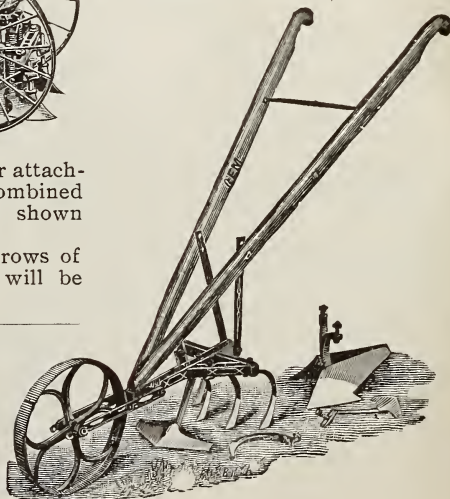


With the addition of the Hill and Drill Seeder attachment, this tool is identical with the No. 22 Combined Fertilizer Distributor Hill and Drill Seeder shown above.

This tool is operated by working astride the rows of growing plants, and the result accomplished will be most gratifying.

GEM SINGLE WHEEL HOE, \$4.00.

The popular GEM has been so largely used by the market gardeners that it needs no introduction. Being made mostly of steel and malleable iron it is strong yet light in weight. Sure to please.



THE IRON AGE.

FARM AND GARDEN IMPLEMENTS.

The "Iron Age" Catalogue for 1901
will be sent Free upon Application.

No. 6. Iron Age Combination Double Wheel Hoe, Hill and Drill Seeder, Price \$10.00.



This tool is without question the most practical and complete combined garden implement ever offered the public, the ease and simplicity of adjustment, the lightness combined with great strength, the accuracy by which it drills or hills the seed, and the small amount of power required to operate it, are the most important features.

The Wheel is made of steel, 16 in. high; the frame of pipe, coupled to malleable castings. In each form, whether a Seed Drill, a Double Wheel Hoe or a Single Wheel Hoe, it is equal to any tool or tools made especially for the one purpose.

It places the seed in hills or drills, it plows, it rakes, it opens furrows, it covers, it hills, it hoes, it cultivates.

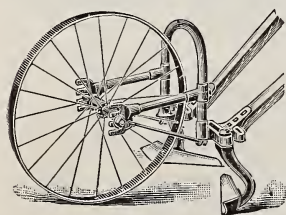
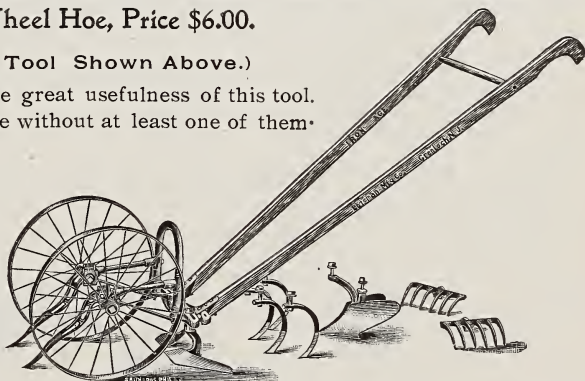
No. 1. Iron Age Double Wheel Hoe, Price \$6.00.

(The Drill Form of the Tool Shown Above.)

At a glance one can see the great usefulness of this tool. The garden or farm is incomplete without at least one of them.

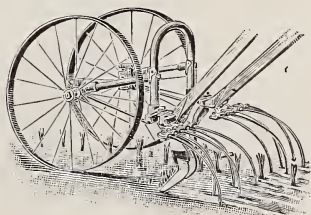
In cultivating onions, beets, turnips, radishes, etc., it is invaluable, saves hours of hard labor and does the work better than several men could do it in the same time. One great advantage which this Double Wheel Hoe possesses is that it can be made into a practical Single Wheel Hoe in a moment's time.

An axle is sent with every Double Wheel Hoe for this purpose. The wheels are 16 inches high, enabling the Wheel Hoe to run easy and without yielding to the inequalities of the soil, as a low wheel will do. The frame being made of tubing coupled to malleable castings gives great strength, together with lightness. All the tools shown in the cut go with the machine for the price, \$6.00.



Showing the Double Wheel Hoe
set up as a Single Wheel.

A Seed Drill attachment for sowing in rows only (No. 4) or for sowing both in rows and hills (No. 6), \$3.00 and \$4.00 respectively. When applied the tool is identical with that of the Iron Age No. 4 or No. 6 Combined tools, depending upon which seed attachment is applied.



The Weeder Attachment.
Price, per pair, \$1.00.

No. 60 "Iron Age" Pivot Wheel Riding Cultivator.

Price, \$30.00.

Add for Plows 65 cts. Fallow Tooth \$1.00.

Ball Bearings.—It has wonderful ease of guidance, the pivots being vertical near the wheels, and the ends resting upon hardened steel balls.

Spring Pressure Lock-Down.—To prevent the gangs from rising and slipping over hard places, we furnish this Cultivator with a spring pressure lock-down, strong enough to hold it to its work in stiff ground, but weak enough to allow the gangs to rise before damage could occur to them or the standards.

The Lever Gauge Adjuster gives the operator immediate control of the width of his gangs. With this adjuster the gangs are always at equal distance from the center. One important feature of our Adjuster

is that the gangs, and necessarily the teeth, are always kept parallel with each other, each tooth presenting its face squarely to the front at all times, and therefore will not throw soil toward the row when expanded, and from the row narrowed up, as is the case when the gangs are pivoted at the front. Especially is this Adjuster valuable where the distance must be changed frequently.

The **Gangs** are of such design as to give great strength—very rigid, so as to instantly follow the directions given by the wheels. For cultivating potatoes and all close-grown crops the outside part of gang is removed, together with the standard and tooth.

The **Standards** are made of good steel and can be instantly adjusted in depth of angle of cut, or removed altogether by simply loosening on nut.

Points.—The steel points sent out on the Cultivator are $2\frac{1}{2}$ inches in width and 10 inches long, while we have, also, of the same length, points $1\frac{1}{4}$ and $3\frac{1}{2}$ inches in width, meeting a call for those extremes.

The **Wheels**, as shown in cut, have flanged tires to prevent slipping on hill sides. They are made of steel, and while they may appear light, yet they are very strong and durable.

No. 70 "IRON AGE" Combined Pivot and Wheel Riding Cultivator, Price \$32.00.

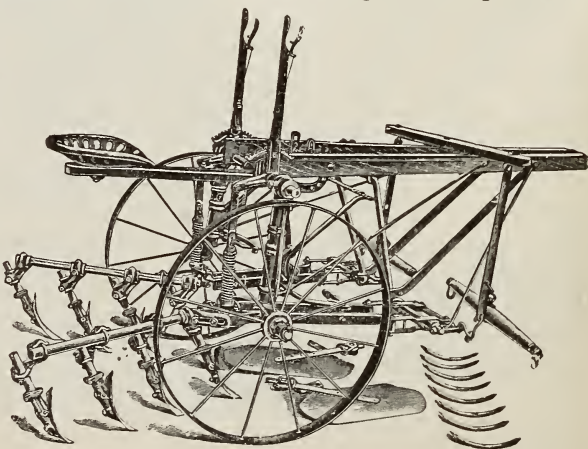
Although a combined tool when used in either form, a Pivot or Fixed Wheel Cultivator, it is a thorough success, containing advantages over many tools made expressly as a Fixed or Pivot Wheel tool.

The **Wheels** are made of steel, 30 inches high with a broad face tire. $2\frac{1}{2}$ inches wide. They are adjustable in width at any point between 42 inches as the widest and 32 inches as the narrowest. This adjustment allows for the entire cultivation of rows 54 inches apart, and as close as 28 inches or even narrower.

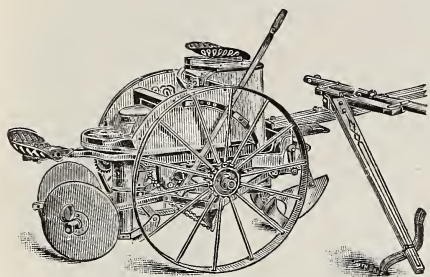
Pivoted Gang Bars.—The gang bars are hinged or pivoted, and the cultivating width can thus be quickly changed by the simple loosening and tightening of two bolts. They are of round bars of steel, with a groove that engages a rib on the tooth holder, thus preventing all danger of turning on the bar, while the eye-bolt firmly clamps the tooth holder to the bar, with no danger of sliding. This combination also gives the facility of changing the position of the teeth on the bar or of increasing or reducing the number.

We call attention to our method of connecting the gangs in front,—a connection of parallel links, giving an easy, swinging motion to the gangs, and at the same time keeping them square to the front, instead of constantly changing the face of the teeth as occurs by the use of the ordinary single coupling. A **Spring Tooth Attachment** may be quickly and easily applied.

Price per set of 8 (including points) \$6.00.



The Improved-Robbins Potato Planter.



PRICE.

| | |
|------------------------------------|---------|
| With Fertilizer Distributor..... | \$65.00 |
| Without " " | 55 00 |
| Pea and Corn Sower Attachment..... | 5 00 |
| Leveler Attachment..... | 85 |

A machine that is completely and thoroughly successful, Has none of the faults of other planters, and does better work than planting by hand.

The opening plow is a double mold plow which throws out on each side a free furrow of loose soil with no packing or wedging to crowd

the future growth of the crop.

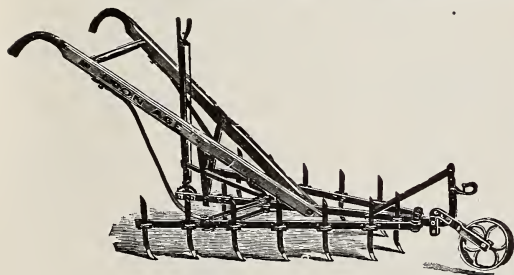
The fertilizer distributor sows the fertilizer in a broad stream 6 to 8 inches wide, in any quantity desired and same is mixed thoroughly with the soil by the shoe preceding the potato tube.

The seed is dropped at 12, 14, 15½, 17, 18½ or 20 inches apart. The change from one distance to another can easily be made by changing of sprocket wheels. The covering is accomplished by means of a pair of discs which cover the seed with a full free covering.

The seed is neither punctured nor injured in any manner while being deposited in the furrow below, so one may rest assured the seed, after it is planted, is in as good condition as when first placed in the machine.

We refer you to these gentlemen who are using them: C. C. Wilcox, Oswego Falls, N. Y.; D. R. Overacre, Salina; Frank Horley, East Onondaga; T. A. Mitchell, Weedsport, N. Y.; Nr. Pendergast, Phoenix, N. Y.

No. 1 "Iron Age" Combined Harrow and Cultivator.



PRICE, \$5.00.

An excellent tool for the cultivation of all small crops. Thoroughly pulverizes the soil without throwing but little dirt.

All believing in level culture should own of these harrows.

The No. 6 "Iron Age" Horse Hoe and Cultivator.

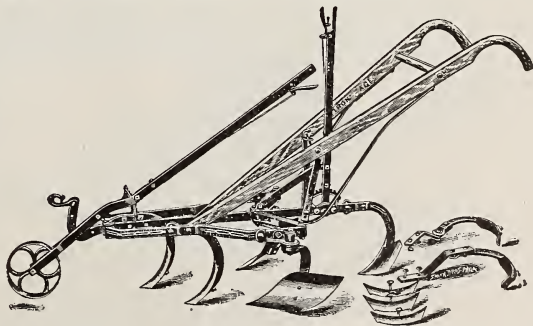
PRICE.

| | |
|----------------------------|--------|
| Complete as in cut without | |
| Furrow | \$6 75 |
| Closing Attachment | 6 25 |

Is truly a 20th Century Tool.

Its great adjustability adapts it for numberless uses and conditions.

In each form it is simple, strong and effective.



**BUY YOUR HARDWARE AND WHIPS OF US.
WE SELL THE CELEBRATED BOWKER FERTILIZERS.**

MASTICA, FOR GLAZING

Greenhouses, Sashes, etc., new and old. It is elastic, adhesive and easily applied. It is not affected by dampness, heat or cold.

Every florist has experienced difficulty in obtaining putty (whether ordinary or white lead) for glazing, that is satisfactory for any length of time. The fact is putty is not adapted for greenhouse work. After much study the inventor of "Mastica" decided that the composition must be of different material, and the qualities must be elastic and tenacious to admit the expansion and contraction without cracking. "Mastica," when applied, in a few hours forms a skin or film on the entire mass, hermetically sealing the substance, and preventing the evaporation of the liquids, and remains in a soft, pliable and elastic condition for years. "Mastica" is of great value in going over old houses with a putty bulb or mashing on the outside of sash, as it makes it perfectly tight and saves the expense of re-laying the glass.

Prices of Mastica (soft for machine application)

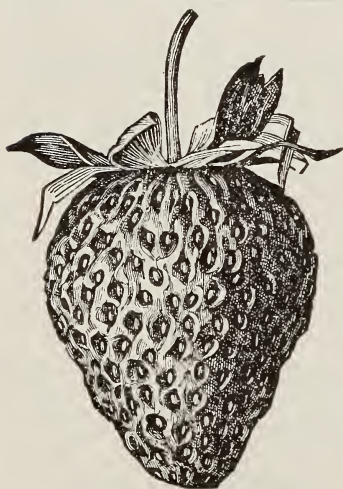
1/2 gallon, 65c.; gallon, \$1.15.

We are Sole Agents for Central New York.



Mastica Glazing Machine

\$1.00 each.



Strawberry Plants.

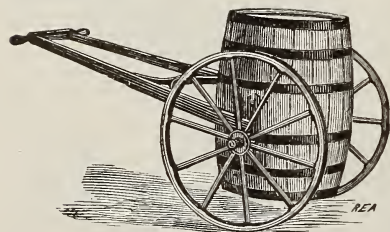
We are pleased to announce that we can furnish choice, thrifty Strawberry Plants of all the leading varieties and recommend them to our customers.

Prices are reasonable. Leave orders early.

BERRY BASKETS.

Under the new law all Berry Baskets must be made up to the standard in size. We offer Berry Baskets of correct size and shape and well made. Prices right. Our Baskets fit the Crate perfectly. I can save you money on berry baskets

if you will place orders early. Call and see us before purchasing.



Truck Only, \$8.00;

With Barrel, \$9.50.

With Wheels 1 1/2 Inches Tread.



COBBLER'S OUTFIT.

40c. to \$1.50, according to outfit.

This is something that all farmers should have in their homes—will save you many a shilling in shoe and harness mending.

THE HIGH PRESSURE SPRAYER.

For Potato Bugs.

DIRECTIONS.—Fill one cylinder full of what is required. Close faucet and filler hole tight. Work the pump $\frac{1}{4}$ to $\frac{1}{2}$ minute, then turn the faucet and direct the spray where wanted.

This gives you 15 minutes continuous work with a very fine or coarse spray, narrow or wide spread, as you wish; all controlled by turning the faucet.

Each cylinder will hold two gallons.

This will be the fastest seller yet offered for spraying purposes.



Knapsack Sprayers. Price, \$2.50.



Rapid Work in a Potato Field.

Adapted to the Following Uses.

1. It is best for rapid work and labor saving.
2. For killing potato bugs and insects of every nature.
3. For spraying fruit trees.
4. For spraying field crops of all kinds.
5. For keeping flies from live stock during the summer by spraying with Cattle Fly Killer Oil.
6. For white-washing the walls of poultry houses and cow stables.
7. For spraying tobacco and hops in field.
8. For sprinkling floors evenly with oil or water.
9. As a fire extinguisher.
10. For disinfecting purposes.
11. For greenhouse and nursery work.

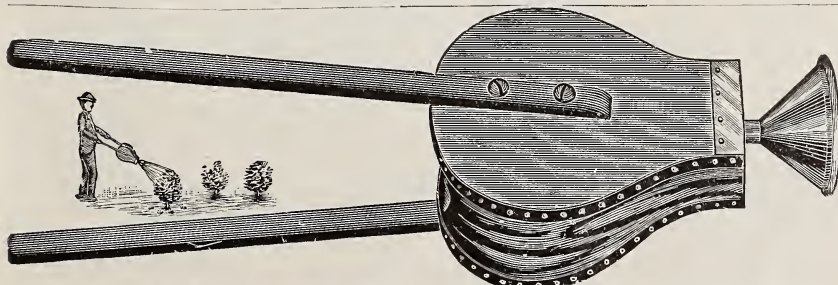
Price, \$5.00.



Falling over top of large tree in spray.



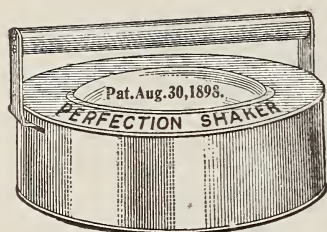
SYRINGES, \$1.00, \$2.25, \$3.00, \$4.50.



Simple, Practical,
Effectual, Cheap.

The Electric or Lightning Insect Exterminator. Price, 75c.

ON'T FORGET OUR NEW HARDWARE DEPARTMENT.



Perfection Shaker

Price 65 cts.

Especially for
Applying Bug
Death Dry.

PRICE LIST.

| | |
|-------------------------|-------|
| 1 Ponnd Package | \$ 15 |
| 3 " " | 35 |
| 5 " " | 50 |
| 12 12 lb. " | 1 00 |
| Perfection Shaker | 65 |

Bug Death



Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897,
and Jan. 25, 1900.

LEGGETT'S PARIS GREEN OR DRY POWDER GUN.

For Orchard, Vineyard,
Garden or Potato Field.
Distributes Paris Green,
Sulphur, "Fungiroid," (a
powdered Bordeaux Mix-
ture) or any dry powder.
THOUSANDS IN USE
Illustrated Circular on
application.



PRICE, \$4.50.

A
Won-
derful
Inven-
tion
Light,
Swift,
Easy,
Safe,
Strong
and
Cheap.

Directions for Applying Dry.

For potato and other vines which require a top application, apply dry with Perfection Shaker at the rate of 12½ pounds or more per acre to an application, according to size and condition of the vines.

For house and garden plants and small shrubs use rubber atomizer or any of the bellows that are on the market for that purpose. Dust the plant thoroughly. The best results are obtained by using when the vines are damp.

Directions for Using in Water] for One Acre.

Add to 12½ pounds of Bug Death 80 gallons water; mix thoroughly; spray on vines with any of the various sprayers that are on the market. We prefer a barrel or knapsack that is fitted with an agitator, otherwise solution must be frequently stirred so that Bug Death is held in suspension. Spray vines thoroughly.

INSECTICIDES.

| | | | |
|--|--------------------|--|--------------|
| Bug Death..... | 15, 35, 50, \$1.00 | Lambert's Death-to-Lice. 10, 25, 50, \$1.00 | |
| Tobacco Dust and Sulphur, per lb. | .10 | Persian Insect Powder.....oz., .10; lb., .50 | |
| Nicoteen, per pint..... | .50 | Jumbo Powder Gum..... | .25 |
| Tobacco Soap, per pkg. | .25 and .35 | Cooper's Sheep Dip, per pkg. | .50 and 2.00 |
| Tobacco Stems..... | | Eureka Fumigator | 1.25 |
| Soluble Fir Tree Oil, per can | 1.50 | London Purple, per lb..... | .25 |
| Whale Oil Soap, per pkg. | 5-10 and .20 | Hellebore, per lb..... | .20 |
| Fir Tree Oil Soap, per pkg..... | .25 | Grape Dust, per pkg..... | .50 |
| Slug Shot, per lb..... | .06 | Paris Green, per lb..... | .25 |

BUY YOUR HARDWARE OF US. Prices Correct.

RUMSEY'S SUPERIOR DOUBLE-ACTING SPRAY PUMP.

This represents our new Double-Acting Force Pump, which is superior to anything heretofore offered for spraying trees or plants with poisonous mixtures. Being double-acting it throws a continuous stream which, with our "Lilly" nozzle can be diffused over a wide area.

This pump is fitted for hose or iron pipe as ordered. Made in one size only.

Price, \$8.50.

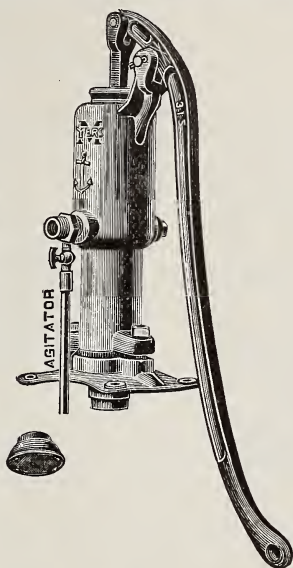
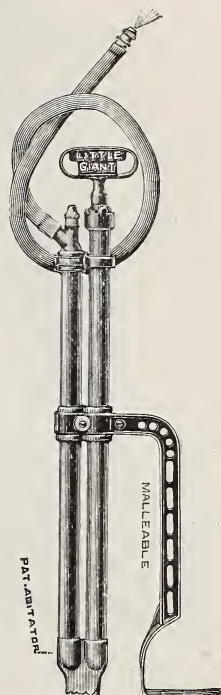


FIG. 391. Size, Price, etc.

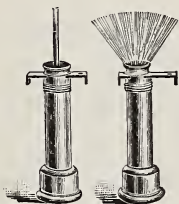
| Diameter of outer Cylinder. | Diam. of differ nt'l Plunger. | Stroke. | Suction Pipe. | Hose Disch'rge | Pipe Disch'rge | Price |
|-----------------------------|-------------------------------|---------|---------------|----------------|----------------|--------|
| 2½ in. | 1¾ in. | 3 in. | 1 in. | ½ in. | ¾ in. | \$8.50 |



Price, \$3.00.

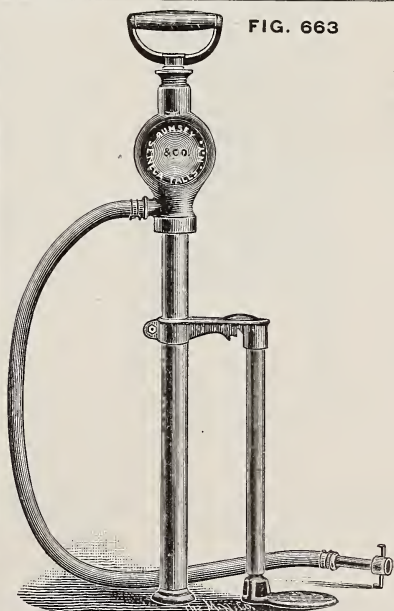
RUMSEY'S "LILLY" SPRAYING NOZZLE.

PRICE 50 CENTS.

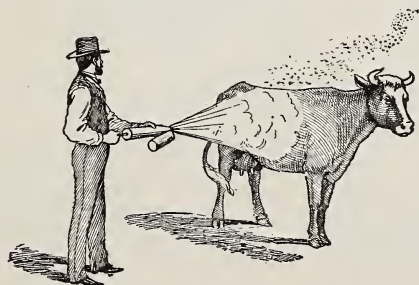


Myers Bucket Brass Spray Pump, with agitator, complete, with Hose, Combination, Fine and Coarse Spray and Solid Stream Nozzles.

FIG. 663

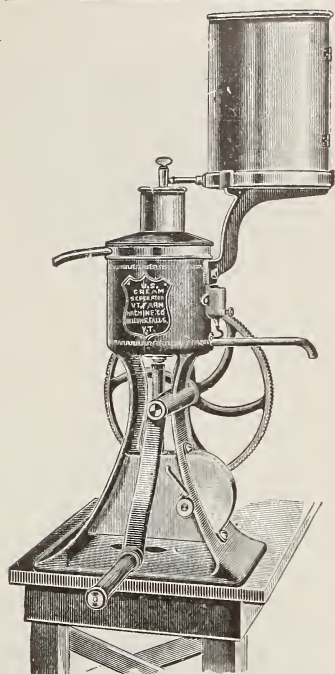


Price \$4.00. With 3 feet of ½ in. discharge hose and "Lilly" nozzle.

**CATTLE SPRAYING.**

| | |
|-----------------------------------|-----|
| Clark's Fly Killer, ½ gallon..... | .50 |
| 1 gallon, quick effective..... | .90 |

HARDWARE OF ALL KINDS. PRICES RIGHT.



IMPROVED U. S. CREAM SEPARATOR
WITH INCASED GEAR.

U. S. Cream Separators

and other Dairy Supplies

At Special Prices This Season.

Capacities and Prices for

1901 on "New Century" Separators.

| | | | | | |
|--------|----------|--------------------------|------|-------|----------|
| No. 9, | capacity | 150 to 175 lbs. per hour | .... | Price | \$ 45 00 |
| No. 8, | " | 225 to 250 " | " | ---- | " 60 00 |
| No. 7, | " | 275 to 300 " | " | ---- | " 80 00 |
| No. 6, | " | 360 to 400 " | " | ---- | " 90 00 |
| No. 5, | " | 450 to 500 " | " | ---- | " 115 00 |

The new No. 7 has high frame and the Nos. 8 and 9 have low frames.

We submit that the United States Separator has given the dairymen more for their money than any others and has always kept ahead in improvements, and is therefore entitled to the position it occupies of being first in their estimation and patronage.

The U. S. Separator can be seen at our store. Catalogue and information free.



CREAM IN ONE HOUR.

THE GREAT LABOR SAVER.

Wheeler's Gravity Cream Separator.

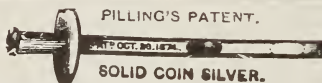
PRICE LIST OF GRAVITY CREAM SEPARATOR.

| | | | | | | |
|--------|-------|---------|----------|--------------|-----------------------|--------|
| No. 0 | holds | 7 gal., | used for | 1 to 2 cows. | 60 lbs. milk per day, | \$2.50 |
| No. 1 | " | 11 " | " | 2 to 3 " | 100 " | 4.50 |
| No. 1½ | " | 18 " | " | 3 to 4 " | 150 " | 5.50 |
| No. 2 | " | 25 " | " | 4 to 7 " | 200 " | 6.50 |

PLATFORM SCALES, \$10.00 to \$12.00.

| | | |
|------------------------------|-------|--------|
| Counter Scales, Single Beams | ..... | \$2 50 |
| " " Double " | ..... | 3 00 |

Milking Tubes.



For sore and obstructed Teats and for Hard Milking Cows.

FULL DIRECTIONS WITH EACH TUBE. 50c TO \$1.25 EACH.

MILK BOTTLES.—We have the correct size in Pints and Quarts.

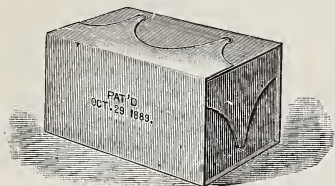
MILK CAPS.—These Milk Caps are the best and prices low.

MILK BOTTLES AND CAPS ALWAYS IN STOCK.

Eureka Butter Printer.

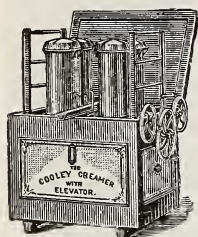
Self-gauging. Per pound
or half pound.

No. 1.....\$4 50
No. 2.....3 50

PIKE'S BUTTER BOXES.

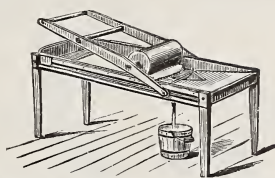
BOX CLOSED.

For 1 lb. prints made of hard wood,
per hundred.....\$ 75
Crates furnished holding 5, 10, 20, 30, 40
and 50 boxes. Write for prices.



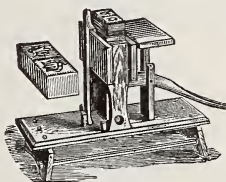
COOLY CREAMER.

| | | |
|-----------------|------------------|----------|
| No. 00, 2 Cans, | 4 to 6 cows..... | \$ 32 00 |
| No. 2, 4 " | 9 to 12 " | 45 00 |
| No. 3, 6 " | 12 to 18 " | 58 00 |
| No. 4, 8 " | 18 to 24 " | 68 00 |
| No. 5, 10 " | 24 to 30 " | 80 00 |
| No. 6, 12 " | 30 to 36 " | 93 00 |
| No. 7, 14 " | 36 to 42 " | 105 00 |

**EUREKA BUTTER WORKER.****PRICE LIST.**

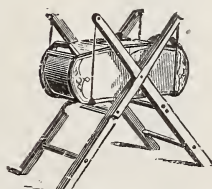
| | | |
|---------------------------|----------------|--------|
| No. 1, Family size, works | 8 to 10 lbs.. | \$6 00 |
| No. 2, Dairy size, " | 10 to 20 lbs.. | 8 00 |
| No. 3, " | 20 to 40 lbs.. | 10 00 |
| No. 4, " | 40 to 60 lbs.. | 12 00 |

Write for special circulars.

**Neshitt Butter Printer**

½ lb.....\$4 00
1 lb.....4 50

Self-gauging \$1 00
extra.



DAVIS SWINGING CHURN.

Price List Davis Swing Churn.

| | | |
|---------------------------|------------------|---------|
| No. 1, Cap, 8 gal., churn | 4 gal. or less.. | \$ 7 00 |
| No. 2, " 10 " " 5 " " | " " | 8 00 |
| No. 3, " 16 " " 8 " " | " " | 10 00 |
| No. 4, " 20 " " 10 " " | " " | 12 00 |
| No. 5, " 26 " " 13 " " | " " | 15 00 |
| No. 6, " 34 " " 17 " " | " " | 18 00 |

Price List of Barrel Churns.

| | | |
|------------------------------|-------------|---------|
| No. 0, 4 gallon, will churn, | 2 gallons.. | \$ 3 50 |
| No. 1, 10 " " 5 " " | " " | 4 50 |
| No. 2, 15 " " 8 " " | " " | 5 00 |
| No. 3, 20 " " 10 " " | " " | 5 50 |
| No. 4, 25 " " 12 " " | " " | 7 00 |
| No. 5, 30 " " 14 " " | " " | 8 00 |

Oak Dash Churns, Stone Dash Churns, Dog Powers, Butter Workers, Skimmers, Butter Carriers, Ladles, Richardson's Butter Color, Butter Prints, Floating Glass Thermometers, Dairy Thermometers, Cream Gauges, Babcock Butter Tester.



Milk Bottles and Caps in quart and pint always in stock.

Try Dwarf Essex Rape for Quick Pasture. See page 15.

IF YOU NEED HARDWARE, WE HAVE IT.

TIN SHOP.

MILK CANS—ALL SIZES.

Milkmen are invited to examine our work. Repairing promptly done, in the best manner, at a moderate price.

PEDDLING CANS.

In 20, 30, 40, 50 and 60 Quart Sizes.

| | |
|--------------------------------|-----------------|
| Carrying Cans, all sizes..... | \$ 50 to \$2 25 |
| Dairy Cans, "..... | 6 50 to 8 50 |
| Wholesale Pails, "..... | 50 to 75 |
| Strainer Pails, "..... | 60 to 90 |
| Pint Dippers..... | 45 to 60 |
| Quart Dippers..... | 50 to 75 |
| Strainers..... | 50 to 1 50 |
| Tin Milk Pans, per doz..... | 1 50 to 2 25 |
| Tin Milk Pails, all sizes..... | 30 to 1 00 |
| Sprinkling Pots, "..... | 25 to 1 25 |
| Excelsior Strainers..... | 2 00 |
| "Our Own" Strainers..... | 1 75 |
| Aerators..... | 2 00 to 6 00 |

ALL HAND WORK AND FULLY WARRANTED.

Aerators Made to Order.

Tin Gutters, Galvanized Gutters.

Tin Roofing, Stencil Cutting.

Galvanized Iron Work.

Everything in Tin Work made to order on short notice and in the best manner.

Shears, Scissors, Knives and Saws
Sharpened and Repaired.

ALSO GENERAL JOBBING.

50 QUART PEDDLING CAN.

Milk Bottles and Milk Caps Always in Stock.

DRAIN TILE.



The following sizes of Tile always on hand :

| Size. | Weight, Each. | Per M. | Size. | Weight, Each. | Per M. |
|-----------------------------|---------------|---------|-------------------------|---------------|---------|
| 2 Inch Rise, Sole Tile..... | 3 lbs. | \$12 00 | 3½ Horse Shoe Tile..... | 4 lbs. | \$15 00 |
| 2½ " " " "..... | 4 " | 15 00 | 4 " " " "..... | 5 " | 20 00 |
| 3 " " " "..... | 5 " | 20 00 | 5 " " " "..... | 6 " | 30 00 |
| 4 " " " "..... | 7 " | 35 00 | 6 " " " "..... | 8 " | 40 00 |
| 5 " " " "..... | 9 " | 50 00 | | | |
| 6 " " " "..... | 12 " | 70 00 | | | |

Length of Tile, about 14 inches.

Special prices on car load lots direct from factory, which, being located at Chittenango, N. Y., on the lines of the N. Y. C. & H. R. R. R., the West Shore R. R., and Erie Canal, gives us exceptional shipping facilities.

HARDWARE, TOOLS, GLASS, PUTTY. TIN WORK OF ALL KINDS.

BARGAINS IN WHIPS. COME AND SEE US.

SPRING PLANTS, BULBS AND ROOTS.

| | PER DOZ. | | PER DOZ. |
|---|----------|---------------------|----------|
| Cabbage Plants..... | 5 cts. | Verbena Plants..... | 50 cts. |
| Cauliflower "..... | 25 " | Pansy "..... | 50 " |
| Tomato "..... | 25 " | Asters "..... | 35 " |
| Egg Plant "..... | 50 " | Stocks "..... | 35 " |
| Pepper "..... | 25 " | Petunia "..... | 50 " |
| Gladiolas, Dahlias, Tube-Roses, Tuberous Begonias, Maderia Vines, Peonies, Gloxinias. | | Snapdragon "..... | 40 " |

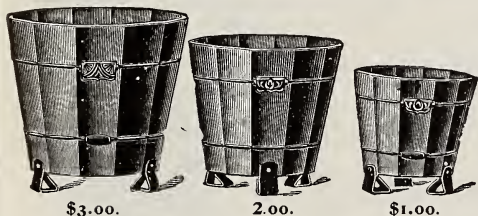
SELECTED FALL BULBS.

OUR OWN DIRECT IMPORTATION FROM HOLLAND.

| | | | | |
|---|-----------------------------------|----------------------------------|----------------------------------|--------------------------------|
| Hyacinths, | Tulips, | Daffodils, | Iris, | Oxalis, |
| Crocus, | Narcissus, | Jonquils, | Snow Drops, | Freesia etc. etc. |
| Lilium Longiflorum, or Ascension Lily, | Lilium Candidum, or Madonna Lily, | Lily of the Valley, (in clumps), | Lilium Harrisii, or Easter Lily, | Lilium Auratum, or Japan Lily, |
| Christmas Holly and Holly Wreaths, Ground Pine, Mistletoe, in their season. The Beautiful Japanese Fern Ball. | | | And other varieties. | |

FLORISTS' SUNDRIES.

| | | |
|--------------------------------|-----------------------------|-----------------------------|
| Self-Registering Thermometers, | Bulb Syringes, | Shears, |
| Tin Foil, | Glazing Points, | Scissors, |
| Green Moss, | Flower Pots, | Fine Cutlery, |
| Florist Letters, | Hyacinth Glasses, | Syringes for Plants, |
| Raffia, | Jardiniers and Pedestals, | Flower Pot Brackets, |
| Immortelles, | Hanging Baskets, | Sharpening of Shears, etc., |
| Mastica, | Flower Supports, | Tin Shop, |
| Plant Labels, | Plant Stands, | Lawn Seed and Fertilizers, |
| Fumigators, | Trellisses, | Bird Supplies. |
| Wire Plant Supports. | Silkalene per Ball, 30 cts. | |



\$3.00.

2.00.

\$1.00.

RUSTLESS OIL TUB 75c A BOX.

An application will prevent rust absolutely.
Farmers can save many dollars by its use.

FLOWER TUBS.

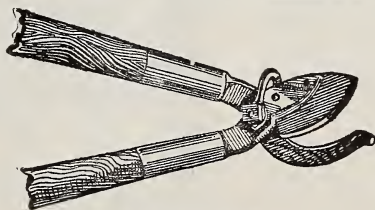
Flower Pots, Hanging Baskets, Jardiniers, Fern Pans, Lily Pans.

URNS, VASES AND SETTEES.

We offer a fine variety of styles in various sizes suitable for lawns, front yards, cemeteries, parks, etc. These can be furnished to order on short order, at reasonable prices.

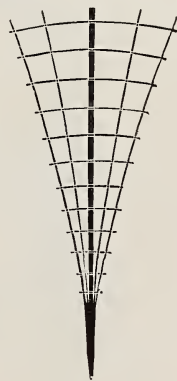
For full particulars, write or call and see us.

Diamond Edge Tree Pruner.

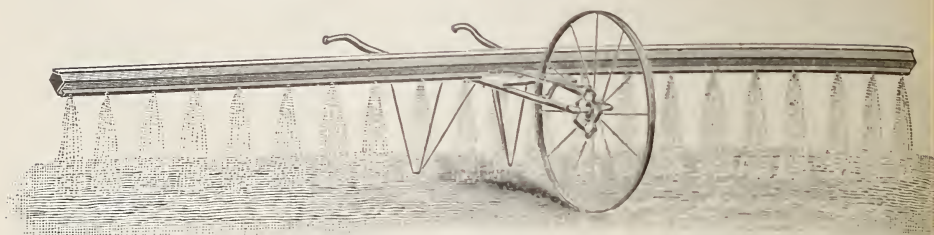


PATENDED.

The above Pruner is the most powerful Tree Pruner on the market. The strength and power of this tool is wonderful, and the secret of it is that the nut remains where it is turned, for this reason the blades work inside the LINK NUT TIE, thus there is no friction on the head, or nut of the bolt, and the blade always cuts tight to the edge of curved blade and never becomes loose, as on other similar tools.



WHEELBARROW SEEDERS.



WITH RUBBER, WIRE OR TWINE DISTRIBUTORS.
WITH WOODEN OR IRON FRAME.

THEY CAN BE WORKED BY ANYONE WHO CAN RUN A WHEELBARROW.

PRICE, \$6.50 TO \$6.50 EACH.

THE LITTLE GIANT SEED SOWER.

This is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does and durability. Don't pay \$5.00 for a seeder when you can get its equal for less money.

Will Sow Wheat, Rye, Oats, Rice, Flax, Millet, Turnip Seed, Clover Seed, Grass Seed, including Light Grasses; in fact any kind of Seed broadcast. Also Plaster, Fertilizer, Salt, Ashes, etc.

They save one-third seed and two-thirds labor.

| | |
|---------------------------|--------|
| CRANK SEEDERS, - - - - - | \$2.00 |
| FIDDLE SEEDERS, - - - - - | 1.50 |



THE EMPIRE COMBINED CORN DRILL, \$18.00.

IS the only corn drill manufactured that has a *positive force feed fertilizer attachment*.

The discharge of corn and fertilizer can be seen at all times by the operator.

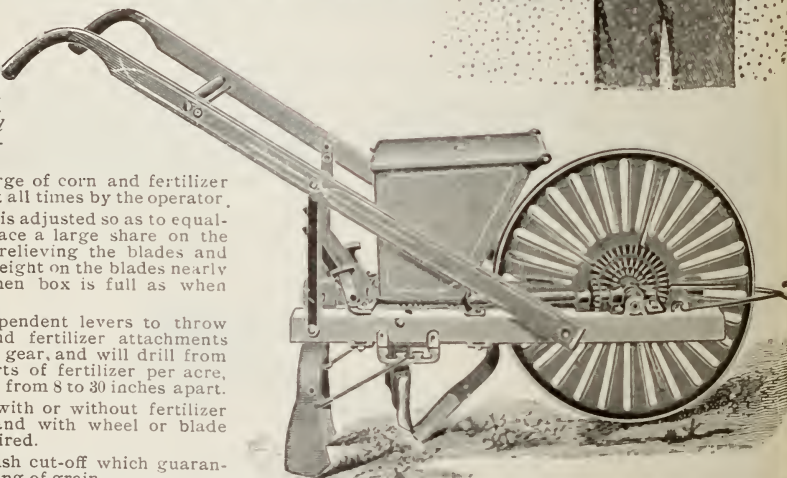
The weight is adjusted so as to equalize it and place a large share on the front wheel, relieving the blades and making the weight on the blades nearly the same when box is full as when empty.

It has independent levers to throw both corn and fertilizer attachments in and out of gear, and will drill from 23 to 120 quarts of fertilizer per acre, and drop corn from 8 to 30 inches apart.

Furnished with or without fertilizer attachment, and with wheel or blade covers, as desired.

It has a brush cut-off which guarantees no breaking of grain.

Two plates are furnished with this corn drill, one for large and one for small corn.



WE SELL HARDWARE OF ALL KINDS.

Master's Little Giant Plant Setter

Will transplant

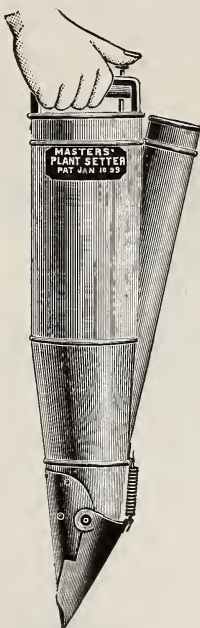
**CABBAGE,
TOBACCO,
TOMATOES,
CAULIFLOWER,
SUGAR BEETS,
STRAWBERRIES.**

**No more LAME
BACKS.**

**No more waiting
for Showers.**

**Every plant set with
water or liquid fer-
tilizer***

AGENTS WANTED—Apply Promptly.



MARCELLUS, N. Y., Aug. 15, 1900.

F. H. EBELING:

Dear Sir—The Plant Setter I used on 35,000 cabbage and tobacco plants and set the plants in the hottest, dryest weather in June, and every plant lived.

This is wonderful, considering the heat and drought, and compared with the work of the horse planter.

It is simply and absolutely perfect.

I would not be without it for \$50.00.

This Planter enables me to set the best plants from the beds, and not sacrifice the smaller, and the method of watering ensures perfect planting.

E. A. CORNWALL.

Send for special catalogues with abundant testimonials and references.

We are sole agents for Oswego, Madison and Onondaga Counties.

HASTINGS, N. Y., Jan. 5, 1900.

F. H. EBELING:

Dear Sir—We, the undersigned have used your Little Giant Setter on tobacco plants the past season, and found it to work perfectly in every respect. We would not do without them for many times the cost. We can fully and honestly recommend it to any wishing to transplant all small plants in all kinds of soil in the dryest weather. It waters and sets at the same time. We would recommend liquid manure when possible in setting.

C. E. Bush,

A. Palmer,

R. J. Dimon,

L. Waterman,

L. W. Morford,

A. P. Gardner.

S. W. Kent, Cazenovia, N. Y.

And many others.

ROBBINS' POTATO PLANTER.

(See Page 39).

**NO MORE DREAD OF POTATO PLANTING TIME.
FULLY GUARANTEED.**

Call and see it or send for Book. Will plant Potatoes, Beans, Corn, Peas, etc., with or without Phosphate.

PRICE.

| | |
|-------------------------------------|---------|
| With Fertilizer Distributor..... | \$65.00 |
| Without Fertilizer Distributor..... | 58.00 |
| Pea and Corn Sower Attachment ... | 5.00 |
| Leveler Attachment | 1.25 |

The American Standard

HAND CORN PLANTER

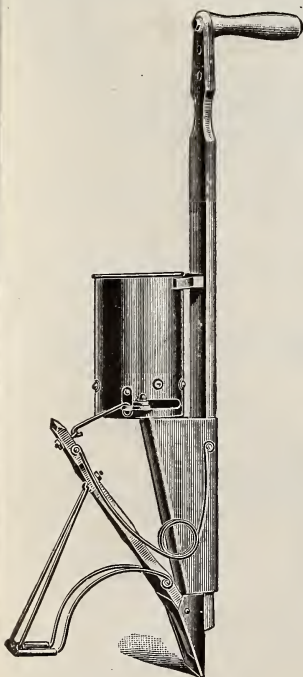
The Universal Favorite. Quickly adjusted for a light or heavy seeding, and rotates similar to the disc in a Horse Planter. \$1.75.

Wiard's Automatic

Hand Corn Planter.

Simple! Durable Economical!
None Better.

Price, - - \$1.75.



BUY YOUR HARDWARE OF US.

WOOD, STEEL AND IRON BEAM WIARD PLOWS.



One of the best and latest.

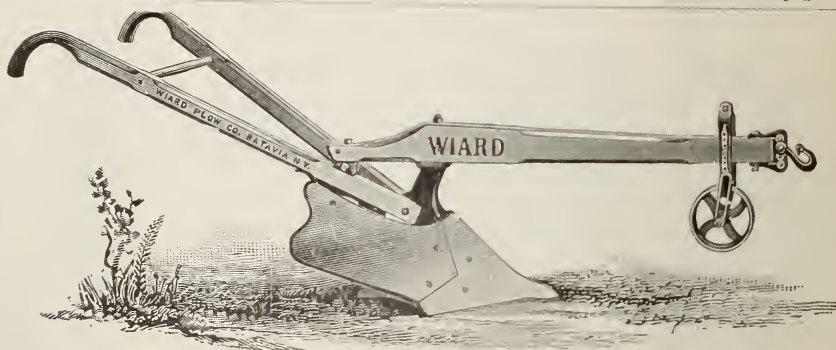
WIARD'S NEW STEEL PLOW, No. 70.

Price, \$13.50.



THE WIARD SWIVEL PLOW, WITH AUTOMATIC JOINTER OR COLTER. Price, \$13.50.

One of the best plows for hillside or flat land and for cutting roots, or use in rough or stony ground.



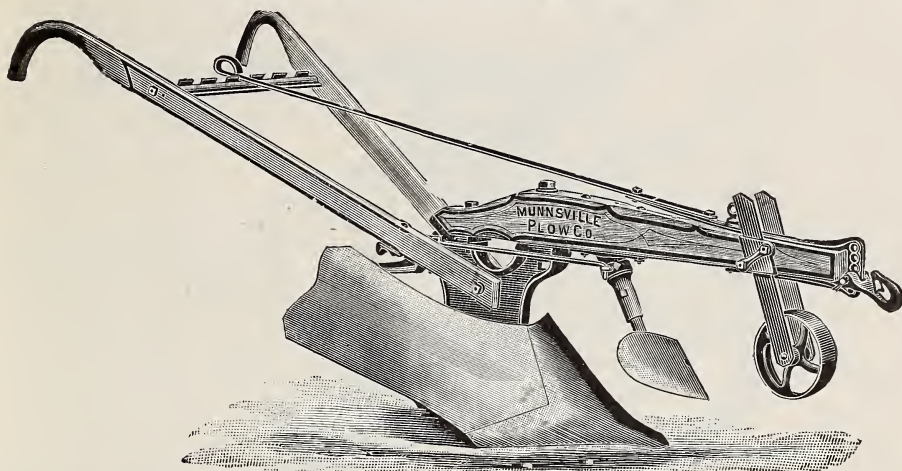
ONE HORSE SWIVEL PLOW. Price, \$9.00.

DITCHING PLOW. Price, \$9.00.

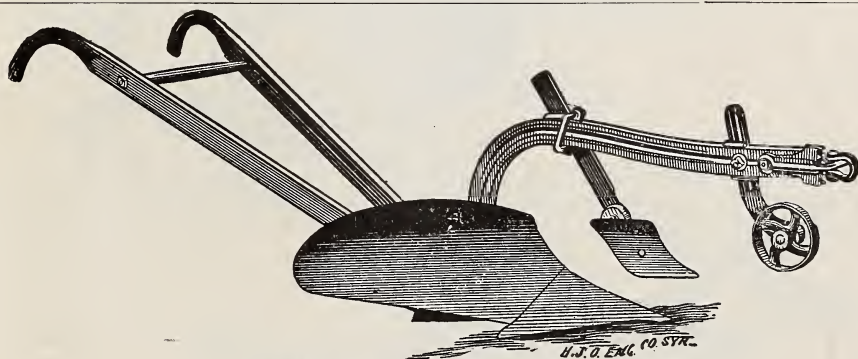
We have secured for our farmers in Central New York a very low priced Ditching Plow, one that has both handles and draw hook adjustable and can be changed, very rapidly, plowing to the depth of four feet. The ditches can be made with this plow at a cost of from 10 to 12 cents per rod. Hugh Oliver, of Marcellus, N. Y., now using one of these plows, says he would not be deprived of it for \$50.00. It is just the plow for ditching. Price of Plow complete, \$9.00.

MUNNSVILLE PLOWS.

WOOD, STEEL AND IRON BEAMS.

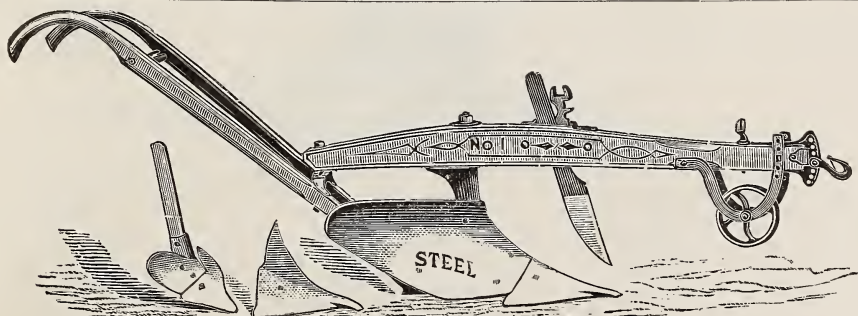


No. 95. This New Reversible Plow is one of the best on the market and will be sold on its merits.
Price, \$13.50 Call and See It.



STEEL BEAM PLOW, No. 10.

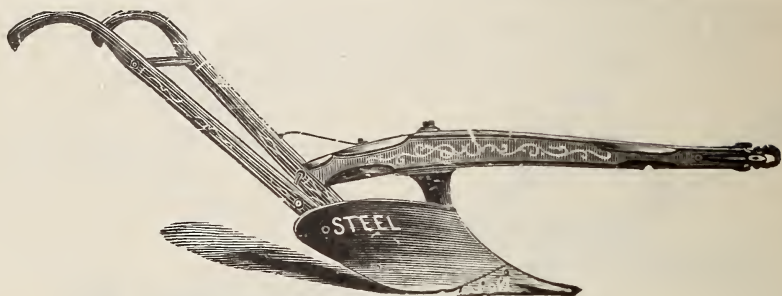
This Plow is long on the run with a high Mouldboard, of a shape that insures easy draft, good cleaning qualities, and pleasing general appearance. Although its imitators are many, for general purposes it has never been equaled. Price, \$13.50.



ONEIDA VALLEY CLIPPER, No. 1.

Unquestionably the best plow made. Price, \$13.00.

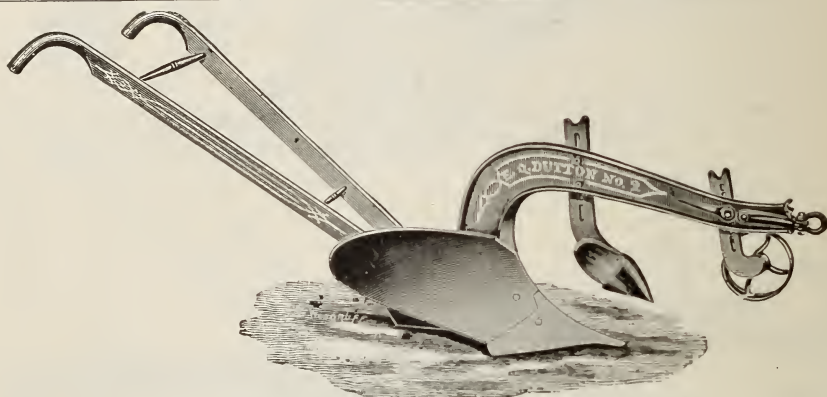
WE CARRY A FULL LINE OF MUNNSVILLE PLOWS AND EXTRAS.
SPECIAL CATALOGUE FREE. A 100-FOOT ROPE LADDER FOR SALE CHEAP.



ONEIDA VALLEY CLIPPER No. 2 1/2.

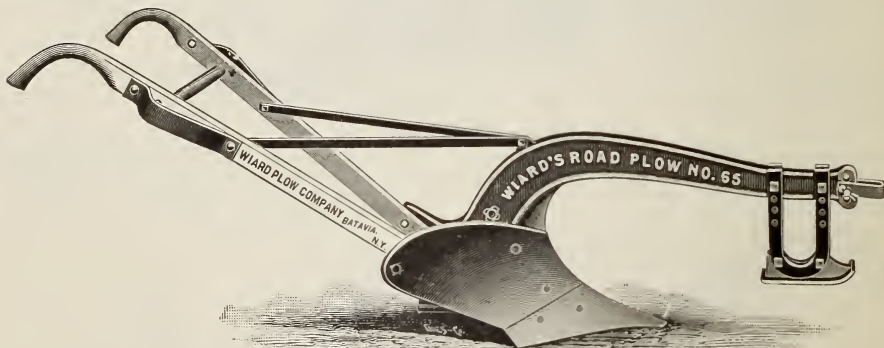
This is a light one-horse cast steel plow, adapted to plowing out corn, hops and nurseries. Can be gauged so as to plow to and from the rows. Price, \$9.00 plain. This cut also represents our new 2 1/2 Chilled Plow.

PRICE, \$7.50 PLAIN CHILLED. \$9.00 STEEL.



DUTTON IRON BEAM No. 2. PRICE, \$9.00.

Is a medium size two or three horse plow, and for general purposes has no equal on the market, and always gives perfect satisfaction.



CONTRACTORS AND ROAD PLOW.

For heavy excavating and all kinds of contractor's work. Of interest to all engaged in moving earth, builders and users of Road Machines; to farmers for deep ditching and leveling, and all cases where great strength and capacity for excavating are required.

This is a very substantial and heavy Plow of sufficient strength for the heaviest work.

The Point and Mouldboard are specially designed for digging and loosening the hardest clay, gravel and rocky ground.

The Handles are securely braced and strengthened with steel plates, having loops to protect them when tipped over.

The strong shoe with sloping front is far better and more durable than the wheel commonly used on his class of Plows.

PRICES:

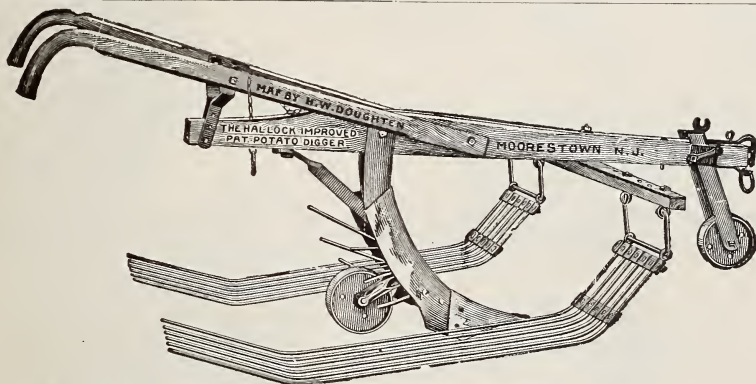
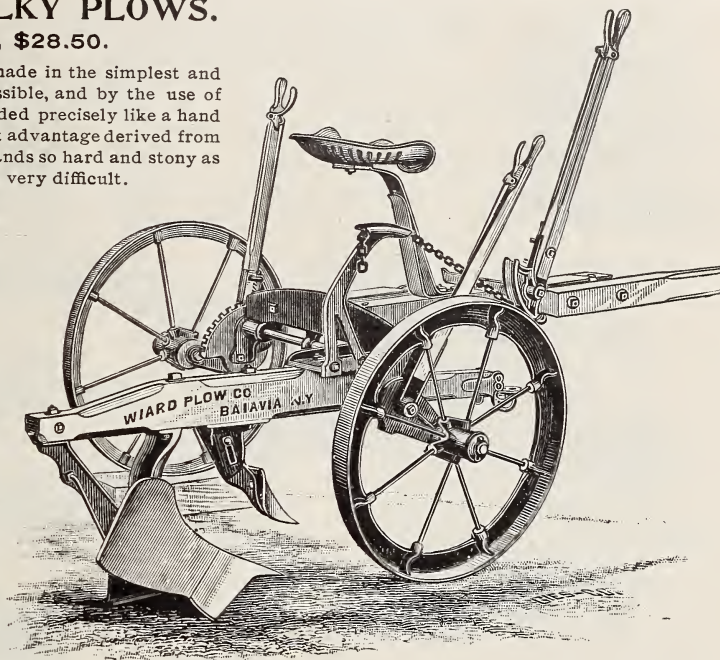
Road Plow with Shoe and Cast Point.....\$14.00. Road Plow with Shoe and Acme Steel Point.....\$15.00.
Without Shoe \$1.00 less.

WIARD SULKY PLOWS.**PRICE, \$28.50.**

This sulky plow is made in the simplest and strongest manner possible, and by the use of levers the plow is guided precisely like a hand plow; and the greatest advantage derived from its use is in plowing lands so hard and stony as to make hand plowing very difficult.

Our method of lifting the plow carries the point backward as the plow is raised, freeing it from obstructions under which it may be caught. The patent flanged wheel gives it a perfectly uniform furrow, and enables the operator to "finish a land" with utmost precision.

The adjustable plate gives the exact width of furrow desired, and the sulky is perfectly balanced for either level or inclined fields.

**HALLOCK'S POTATO DIGGER PRICE, \$15.00.**

Referr to Edgar Bowen, Onondaga Valley, Asylum for Feeble-Minded Children, E. A. Coville, Split Rock, S. B. Rowe, Camillus, John Oley, Pompey, Geo. Adcock, Fayetteville, Ed. Benscoten, Onondaga Valley, and others who have used these diggers.

PLOWS AND PLOW CASTINGS.

We are carrying the largest line of Plows and Plow Castings to be found in Syracuse. We can supply parts for nearly every Plow in use in this country. If you have an old favorite plow and want call on us.

Baldwinsville Plow.
Belcher & Taylor, Side Hill.
Champion.
Climax.
Curtis.
Delano.
Deer.
Dutcher.
Dutton.
Elmira.
Empire.
Excelsior, Nos. 4, 8, 8½, 9, 10.
Fayetteville Clipper.
Gale.
Holbrook.

Ilion or Remington.
Kalamazoo Diamond Iron.
Manlius Union.
Manlius Side Hill.
Mohawk Valley Clipper.
Munsville, Nos. 5, 59.
Munsville Side Hill.
Munsville Ditcher Points.
National Farmer.
Norse Mason Side Hill.
Oneida Valley Clipper, Nos. 1, 2, 2½.
Oneonta Side Hill.
Peekskill, No. 21.
Pennsylvania.

Phoenix Double Mouldboard.
Remington or Ilion.
Robinson, Canandaigua.
Rough and Ready Side Hill.
Shortsville.
South Bend.
Starbuck.
Syracuse.
Titus.
Troy, Peekskill.
Wiard, Batavia.
Wiard, Canandaigua.
Yankee Side Hill, and many others.

If you have a broken casting and are not sure of the name or number, bring it in and we can perhaps duplicate it. We carry one of the largest lines of plows and other castings of any house in the State.



DANA'S STOCK LABELS

For Cattle, Sheep, Hogs, Etc.

Cattle Labels....75c. Doz., \$4.50 per 100

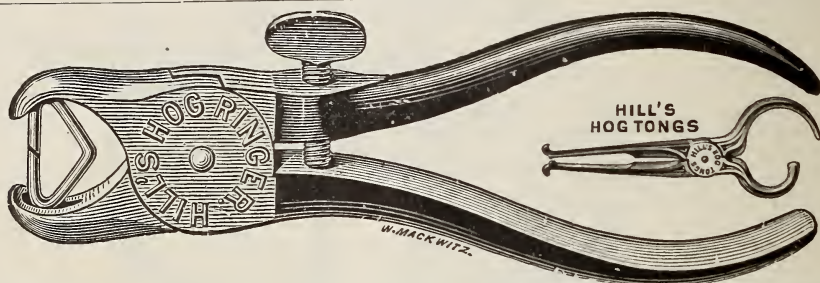
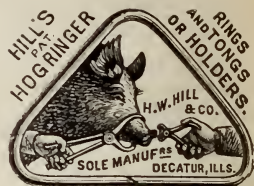
Sheep and Hog Labels,

50c. Doz., \$2.50 per 100.

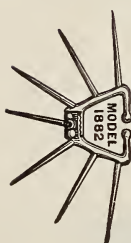
Punches for Cattle..... 1.50 each.

" " Calves 1.25 each.

" " Sheep and Hogs 1.00 each.



THE PRICES OF HILL'S HOG RINGS, RINGING TOOLS, ETC., HAVE BEEN REDUCED.



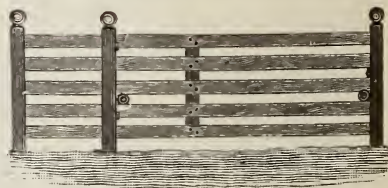
Two Styles Calf and Cow Weaners.

PRICE, 25, 50 and 75 CENTS.



GATE ROLLERS AND TRIMMINGS.

BEST GATE ROLLER EVER MADE.



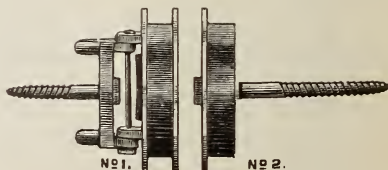
The above cut show the "Acme" Gate Roller, also a gate with the fixtures all on. The bearings being chilled the gate runs very easy. Any one with a saw and a hammer can make a gate, any lumber answers; with these rollers one can have the cheapest and best gate in use.

16 feet double gate, two openings, 12 foot and $3\frac{1}{2}$ foot, each made of 16-foot lumber will want wheels 1 and 2, screw slot No. 3, screwed into the post, bottom board to the gate to run in the slot to keep gate tight to the post; 13-foot gate wants wheel No. 1, two catches No. 4, screw slot No. 3 to hang the gate on first post.

PRICE.

6 inch wheel, single gate trimmings, price per set 75c.

The cheapest, best and most durable gate ever made. Always ready for business, winter or summer, and will last a lifetime. We have a limited number of these Gate Rollers and trimmings and offer same at a bargain.



BUY YOUR HARDWARE OF US.

Farmers Combination Clamp and Drill.



\$2.25 with Diamond Point Drills.

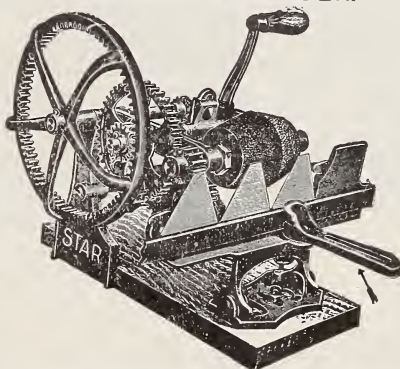
Extra Drills, 10 cents each.

\$3 with Syracuse Twist Drills.

Extra Drills, 25 cents each.

The lowest priced first class article of its kind on the market. Can be used as a wood clamp, also a bench vice or hand drill. Thoroughly practical.

STAR SICKLE GRINDER.

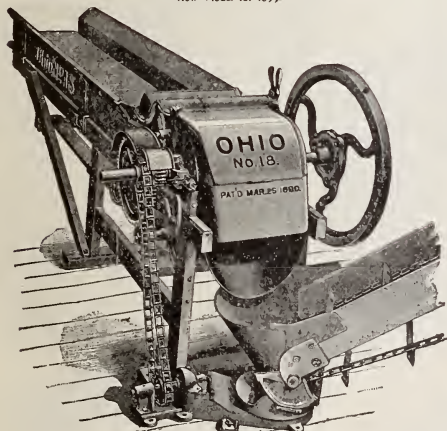


The best and only grinder on the market.

PRICE, \$4.50.

We Sell the Famous
"OHIO" Self-Feed Ensilage Cutter,
 and New Metal Strip Swivel Carrier.

New Model for 1899



NEW MODEL FOR 1899.

We can also furnish Shredder Cylinder for the "OHIO"
 line Nos. 11, 13, 16, 18, 24 and 26 Cutters.

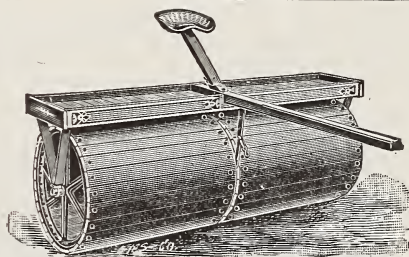
Elegant illustrated catalogue free.

Fully guaranteed and reasonable in price.

We offer the . . .

LEVER FEED CUTTER

at a specially low price this season.



MAPLE ROLLER.

28-inch, two sections. \$25.00

STEEL ROLLER.

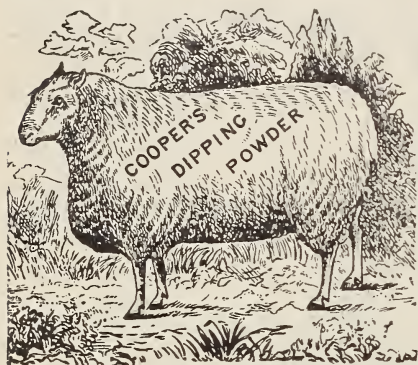
26-inch, two sections. \$33.00

Lawn and Garden Roller. \$8.00 to \$12.00



All varieties of Barn Door Rollers, with all the fixtures for Barn Doors, etc., Stay Rolls, Lock Hasps, Sliding Door Locks, Gate Rollers, and Farmers' Hardware generally, including Cronk's New Steel Covered Anti-Friction Barn Door Hangers.

BUY YOUR WHIPS AND HARDWARE OF US,
 WE SELL ALL KINDS OF FERTILIZERS.



WE SELL THE . . . COOPER'S SHEEP DIPPING POWDER.

The finest in America, used by all the ranchmen in the West, sure cure for scabs and ticks. We could show you a list of testimonials a yard long if necessary, but those we have from firms so well known among sheepmen will be all that is required to convince you we have the best. Sold at factory price, 50c and \$2.00 a package. Small packages will make 25 gallons, large packages 100 gallons ready for use. An unprecedented demand has set in all over the States for our celebrated Sheep Dip, consequent upon the favorable verdict of sheepmen who have used it. Other preparations are being relinquished, as "Cooper" is found far superior in every way.

Water's Improved Tree Pruner.

A good pruner is an indispensable article to every one who cultivates a single fruit tree, and the Water's Pruner is the best one yet offered. It is without a competitor for favor. These Pruners can only be sent by express, purchaser paying the charges. Prices, delivered free at express office, as follows:

| | | | | |
|-----------------------------------|----------------|------------|-------|--------|
| Length of Pole | 4 feet, weight | 2 1/4 lbs. | ..... | \$1.00 |
| " | 6 " | 2 3/4 " | ..... | 1.00 |
| " | 8 " | 3 1/2 " | ..... | 1.25 |
| " | 10 " | 4 1/2 " | ..... | 1.50 |
| " | 12 " | 5 " | ..... | 1.50 |
| Extra knives, postpaid, each..... | | | | .35 |



Compressed Salt Cakes and Frames,

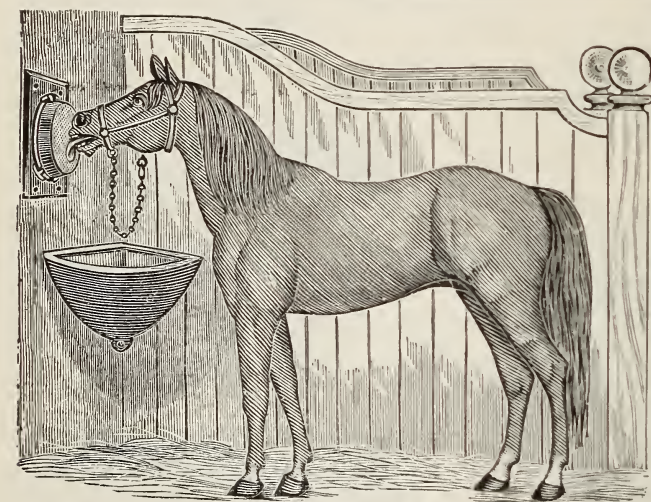
.. FOR ..

Horses, Cattle and Sheep.

(Patented.)

Pure Salt Refined, acts as a tonic, invigorates the system, promotes digestion, purifies the blood, increases strength of bone and muscle; in fact, it is a stimulus for the general health and thrift of animals, as well as mankind.

25 Cents Per Cake, 5 Cakes \$1.00.
Frames, 25 Cents.



PRATT'S HORSE

and

POULTRY FOOD

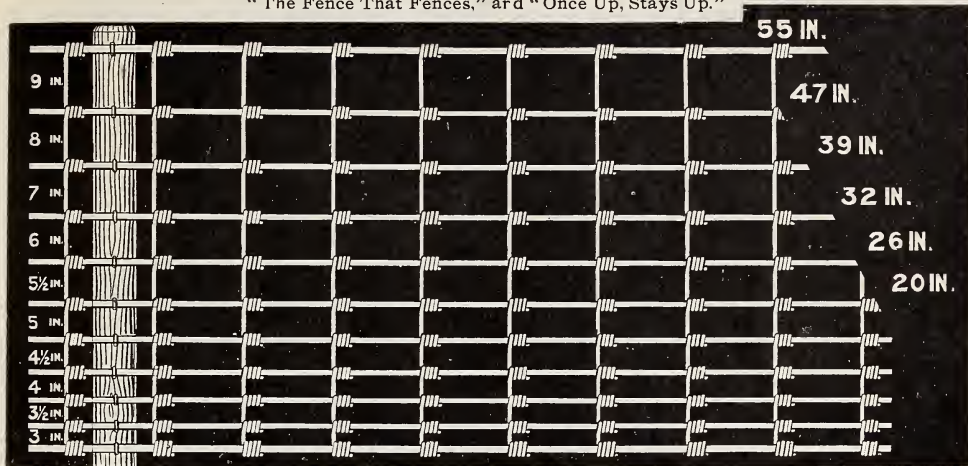
Sold By Us.

WE SELL

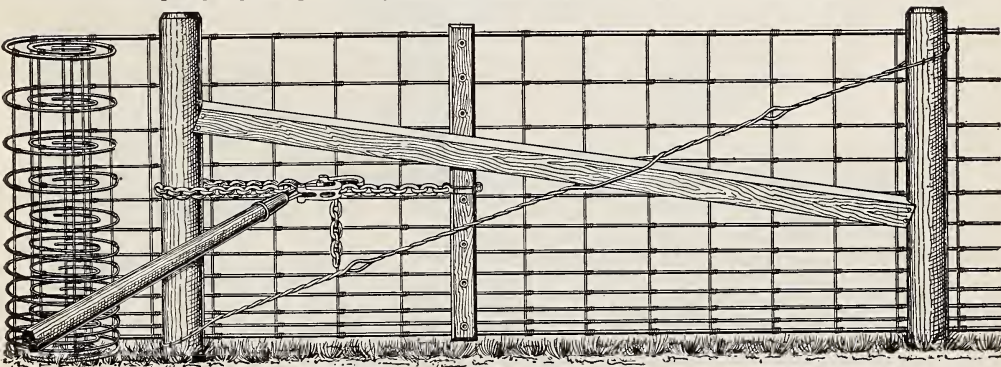
HARDWARE OF ALL KINDS.



WE SELL FERTILIZERS OF ALL KINDS.

"AMERICAN" FIELD AND HOG FENCING.*"The Fence That Fences," and "Once Up, Stays Up."*

Special Horse, Hog and Cattle Fence.

THE LOTT STRETCHER FURNISHED FREE OF CHARGE.

Showing Stretcher in Use.

Catalogue and Full Particulars on Application.

7 TOOLS IN ONE.**WANTED BY 6,000,000 FARMERS**

It takes the place of Button Pilers.

**7 TOOLS IN ONE.**

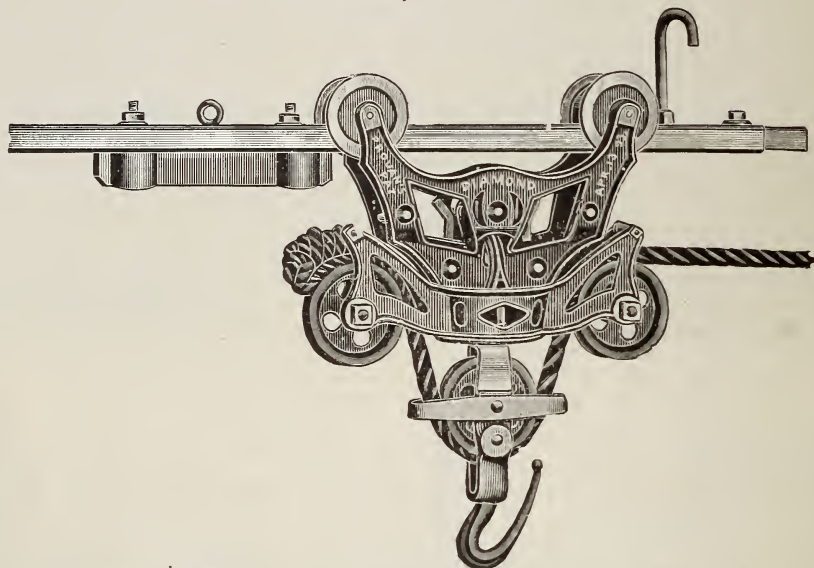
A Crack-a-Jack Seller. Price. \$1.00.

It will drive a staple. It will pull the staple. It will make a staple. It will cut the wire. It will splice the wire. It leaves the wire straight. It can be used as a wrench. It is a pincer. It is a wire straightener. It is a wire tightener. It removes wire trellises. It is a nail puller. Saves hiring men. Saves old fence. Saves wire. Saves a hammer. Saves bending wire. Saves cutting wire. Saves time and wages. Saves staples. Saves cutting hands. Saves going to town. Saves losing temper. Saves chasing cows.

Diamond ^{Wood or Steel} Reversible Car.

Is Made Entirely of Malleable Iron. Light and Durable. It Runs [Both Ways on the Track Without Changing.

PRICE, \$4.50.



DIAMOND STEEL AND WOOD TRACK—NO EQUAL.

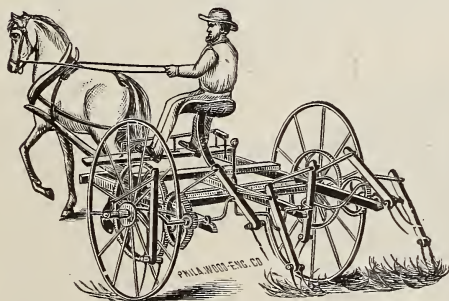
This car runs on a steel track, suspended by the Iron hooks which we furnish at \$1.00 per dozen. Any carpenter can put this car in shape to run at small expense.

| | | | |
|--------------------------------------|------------|-----------------------------------|----------------|
| Double Harpoon Forks..... | \$1.00 | Star Hay Car, Steel track..... | \$ 4.50 |
| Pulleys in Wood and Iron, each..... | 25c to 75c | Diamond Car, Wood track..... | 4.50 |
| Rope, best Manilla at lowest prices. | | The Bullard Hay Tedder..... | 35.00 |
| The Kershaw Iron Rod Car..... | 6.00 | The Ward Horse Rake..... | 21.00 |
| The Nev Hay Car, for wood track..... | 4.00 | The Taylor No. 4. Horse Rake..... | 10.00 to 18.00 |
| The Sprout Car, for wood track..... | 3.00 | | |

We have the Teeth for these Rakes and Tedders.

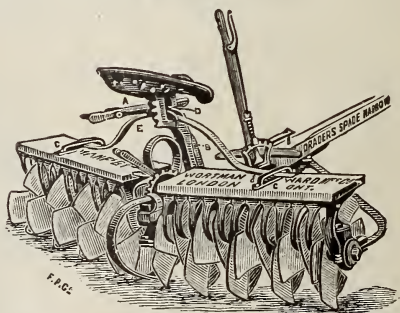
**WE CARRY A FULL LINE OF HAYING TOOLS OF ALL KINDS,
HORSE RAKES—at Special Prices.**

BULLARD HAY TEDDER.

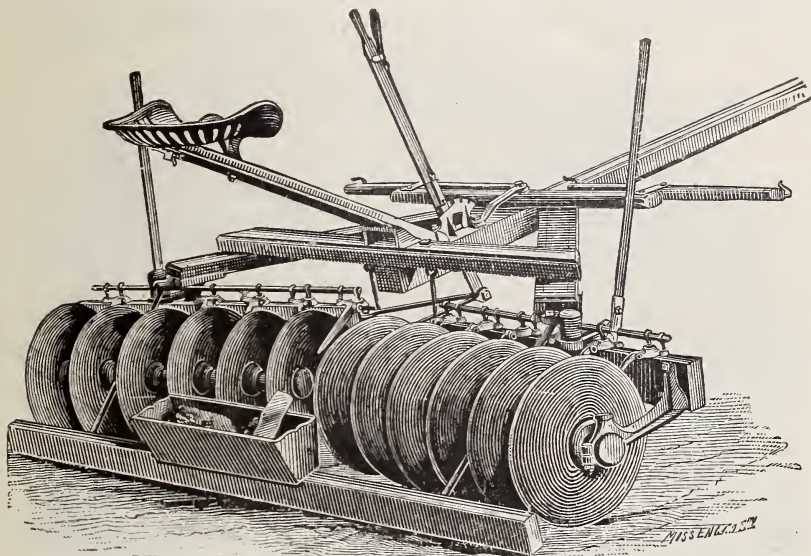


PRICE, \$35.00.

The Morgan Patent Spading Harrow HAS NO EQUAL.



PRICE, \$22.00.

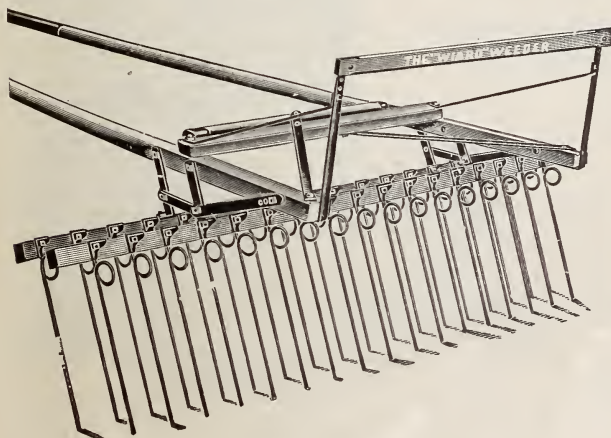
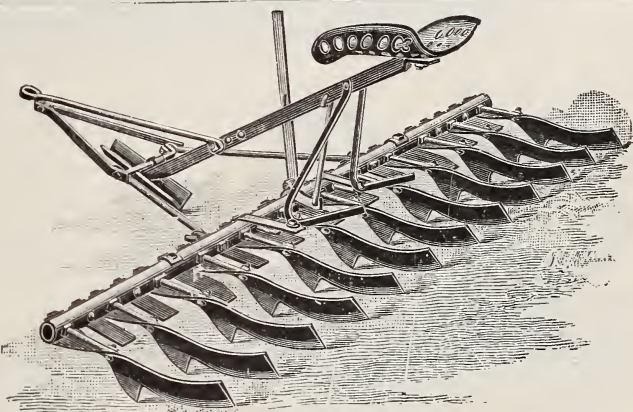


DISK HARROW, \$22.00.

**"ACME" PULVERIZING
HARROW GLOD
CRUSHER AND LEVELER**

PRICE, \$15.00.

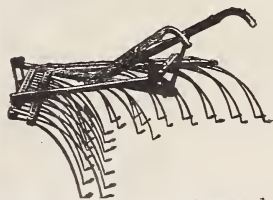
Warranted
Against Breakage
for
One Year.



WIARD WEEDER, \$9.50

We offer a Spring Tooth
Harrow for \$10.00.

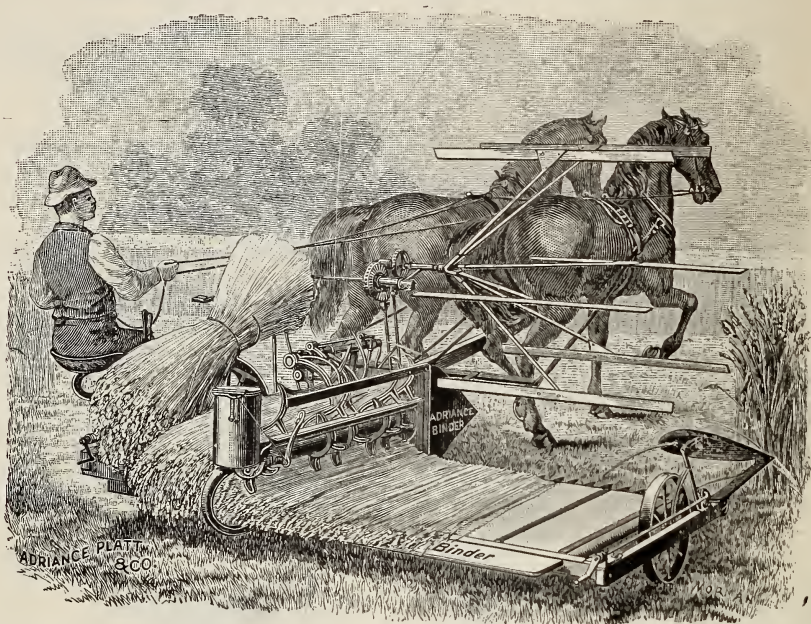
**Keystone Adjustable
Weeder, \$5.90**



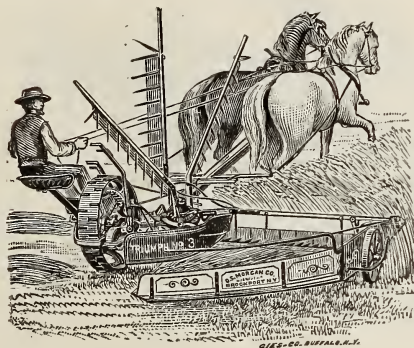
Can expand to $7\frac{1}{2}$ feet and
narrow to 30 inches.

ADRIANCE REAR DISCHARGE BINDER.

The Only Binder in the market that Two Horses can handle with ease.



The only Binder that is perfectly safe to run on our rolling grounds, without tipping over. Built of the best Malleable Iron and Steel, with less than half the machinery of any other binder in use.



TRIUMPH REAPER!

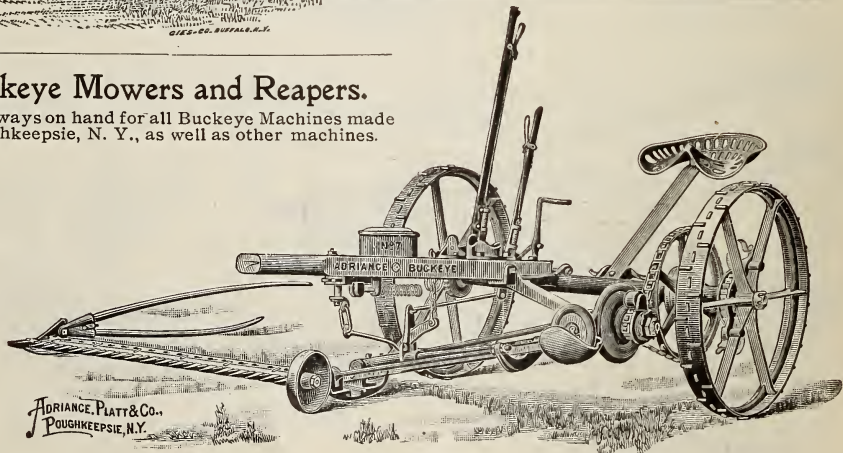
A Desirable Reaper.

These Reapers are well known in this vicinity and we shall be able to supply the Extras as well as the Reapers in the future at our store, we having been appointed the agent for this vicinity.

We Carry a Full Line of Mower and Reaper Extras.

Buckeye Mowers and Reapers.

Extras always on hand for all Buckeye Machines made at Poughkeepsie, N. Y., as well as other machines.



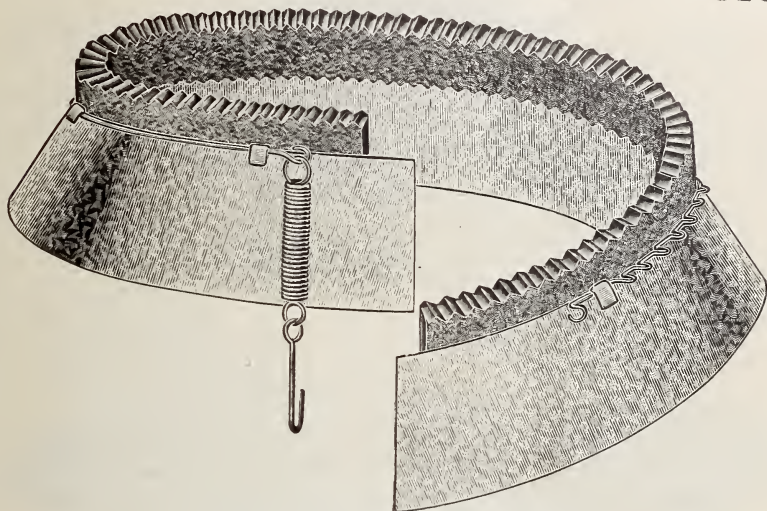
ADRIANCE, PLATT & CO.,
POUGHKEEPSIE, N.Y.

Special Catalogue Free. We Sell Hardware of all Kinds.

THE EXPANSIVE TREE PROTECTOR.

IT WORKS WHILE YOU SLEEP

ALWAYS ON GUARD



ADVANTAGES.

- 1st. It is expansive. Expands with the tree. Will not tear, break loose or rust out.
 - 2d. It is durable. Will last for years.
 - 3d. It is automatic. It both repels and kills. No crushing or burning of insects.
- Protects against and destroys canker worm, caterpillar, tent, army worm, curculio, codlin moth and peach tree boxer. Price, 30 to 45 cents each. Call for particulars. Special prices in quantities.

SMALL POWER ROOT CUTTER.

With Balance wheel and Pulleys. Supplied also with Crank for Hand Use.

Capacity by Hand, 30 to 50 Bushels per hour.
Capacity by Power, 2 to 3 Bushels per minute.



HAND POWER ROOT CUTTER.

Has a Capacity of 30 to 50 Bushels per hour.
One Bushel per minute has cut as a test, many times.



POULTRY ROOT CUTTER.

Price, \$5.00.

It cuts fast, fine, and is easy running. Leaves the feed in fine ribbon-like strips that make choking impossible. Fowls, large or small can safely eat the feed.

TRY IT ON THE YOUNG LAMBS.

IRON STONE BOAT HEAD.



Simple,
Complete,
nexpensive.

Above illustration shows a simple device whereby a stone boat can be made in a few minutes by using straight plank. One head will last for years.

Each \$3.00. Delivered at your Railroad Station.

CAST IRON HOG TROUGHS.



No more trouble building Hog Troughs. One of these will last a lifetime. Made in four sizes, 3, 4, 5, and 6 feet, 8 inches deep, 12 inches wide.

Price, 40 cents per foot.



LAMBERT'S DEATH TO LICE.

Kills Lice or Fleas on Poultry, Horses, Cattle,
Cats, Dogs, Hogs, Ticks, on Sheep, Lice on
plants, Carpet Moths, Water Bugs,
Protects Furs and Woolens.

A DISINFECTANT INSECT POWDER.

ABSOLUTELY GUARANTEED.

Your carpets will not be moth eaten if you sprinkle this powder freely around the edges of the room before nailing down.

Used in nearly, if not every State in the Union, Canada British Columbia and Mexico.

PRICES.

| | | | |
|------------------|---------|-------------------|---------|
| 5 Oz. Box | 10 Cts. | 48 Oz. Box | 50 Cts. |
| 15 Oz. Box | 25 Cts. | 100 Oz. Box | \$1.00. |

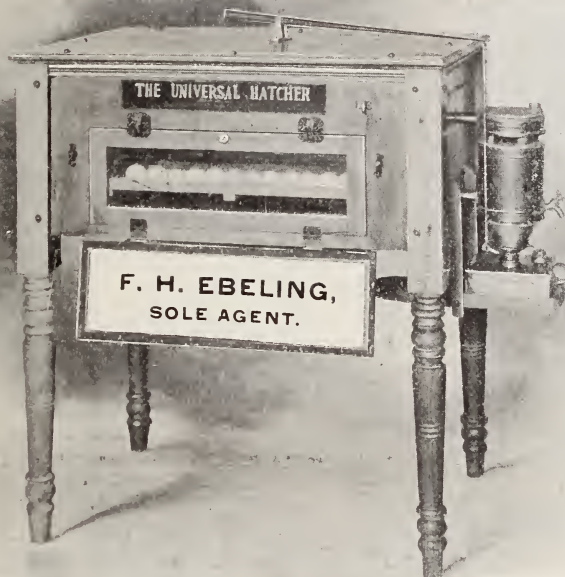
If to be sent by mail, add one cent per ounce to pay postage.

Always to be used externally. Nothing that will harm animal life. They will not eat it. Full directions with every package. For sale wholesale or retail.

We are the transfer agents for this territory, and can ship promptly in any quantity. The sale is very large and increasing.

UNIVERSAL INCUBATORS AND BROODERS.

SPECIAL CATALOGUES FREE.



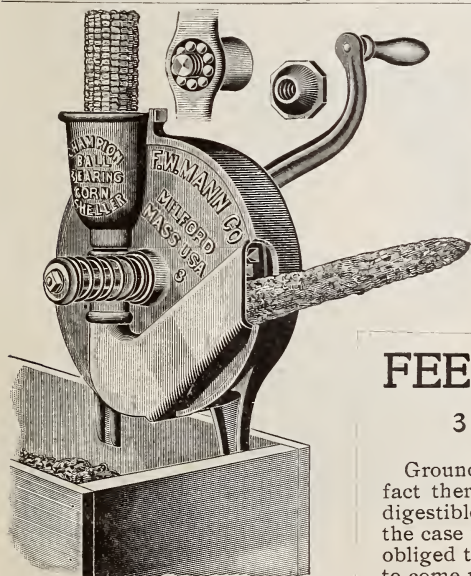
In the Universal Hatcher more is given for the money in Construction, Style and Finish than any other Incubator on the market. Thoroughly Constructed, Attractive in Appearance, and Lasting Durability—in other words, a perfect Hatcher. For particulars see special catalogue.

PRICE LIST OF INCUBATORS.

| | | | |
|---|---------|--|---------|
| No. 0. 56 Egg Capacity, comp., made to order..... | \$15.00 | No. 3. 324 Egg Capacity, complete..... | \$35.00 |
| No. 1. 108 Egg Capacity, complete..... | 21.00 | No. 4. 648 Egg Capacity, complete..... | 55.00 |
| No. 2. 216 Egg Capacity, complete..... | 30.00 | | |

PRICE LIST OF BROODERS.

| | | | |
|--|---------|---------------------------------|---------|
| No. 0. 56 Chick Capacity, made to order..... | \$ 8.00 | No. 2. 200 Chick Capacity | \$15.00 |
| No. 1. 100 Chick Capacity | 12.00 | No. 3. 300 Chick Capacity | 20.00 |
| Jordan Brooders, all complete, \$5.00 | | | |



Champion Ball-Bearing Corn Sheller, \$2.50.

THE CHAMPION BALL-BEARING SHELLER

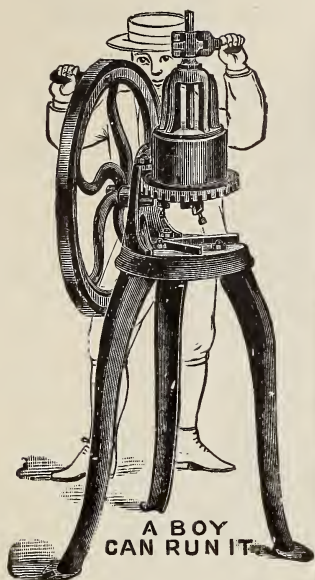
Has no equal. It is the best Sheller on the market, and considering the amount of work it will do, it is the cheapest. Its work is easy, rapid and highly satisfactory. Its unique automatic adjustment, improved shelling disc and telescopic construction are all new inventions, embodying improvements found in no other corn sheller.

FEED CLOVER MEAL.

3 cents per lb. \$2 per 100 lbs.

Ground clover is far superior to cut clover from the fact there is no waste, and every particle rendered digestible, as there are no whole stems or heads as in the case with cut clover; and where poultrymen are obliged to buy green food, clover meal will be found to come nearest to the summer runs of any article on the market.

WE SELL FERTILIZERS OF ALL KINDS.



MANN'S CELEBRATED BONE CUTTERS.

DURABLE AND PRACTICAL.

We offer the best Bone Mill on the market. Fully warranted against breakage for two years. The only machine that will cut green bone fine enough for Bantams and little chickens.

Are absolutely the first bone cutters ever sold to the public, and they are by far the most successful hand or power machine on the market to day for cutting up ground bones.

Nine years of practical use among poultrymen has only served to increase their popularity and prove their necessity.

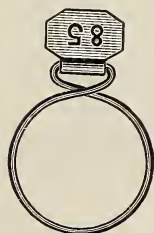
We Claim That

MANN'S BONE CUTTER is the first bone cutter ever made. Cuts fast, easy and fine. Is strong and durable. Can be operated by a boy or woman. Has the only correct kind of automatic feed. Has the finest steel corrugated knives. Has knives adjustable to cut fine or coarse. Has knives that any one can sharpen. Has the least possible friction. Will duplicate in every part. Will cut the hardest bone in the animal. Is the lowest in price, capacity considered. Will last a lifetime with ordinary care. Is a necessity to the poultryman.

Green Bone Cutters.

| | | PRICE LIST. |
|----------------------------------|----------------|-------------|
| Mann's Green Bone Cutters, No. 1 | Crank, | \$ 6.00 |
| " " " " " " " " | 1 Bal. Wheel, | 8.00 |
| " " " " " " " " | 1 " " Mounted, | 11.00 |
| " " " " " " " " | 4 " " " | 12.0 |
| " " " " " " " " | 4 " " Mounted, | 15.00 |
| " " " " " " " " | 2 " " " | 18.00 |

ASK FOR SPECIAL CATALOGUE.



CLIMAX LEG BAND.

Neat. Light. Durable. Warranted to stay on.

Climax Leg Bands for Poultry.....25c per doz.; \$1.35 per 100

Copper Leg Bands for Poultry.....25c per doz.; \$1.35 per 100

DIRECTIONS.—Slip the ring on the fowl's leg, place the tag on one of the hooks and spring the other hook into place.



Eureka Non-Freezing, made of Galvanized Iron in two sections. Easily cleaned. Will last a lifetime. 1-gallon, 50c; 2-gallon, 60c.

The only way to keep water pure and in constant supply, which is very important to the health of the poultry.

Drinking Fountains.



E. H. M. Poultry
Fountains.

| | |
|------------|-----|
| 1/2-gallon | 30c |
| 1- " | 40c |
| 2- " | 50c |



W. R. Poultry
Fountains.

| | |
|------------|-----|
| 1/2-gallon | 30c |
| 1- " | 40c |
| 2- " | 50c |

...POULTRY AND BIRD SUPPLIES...

PRICE LIST.

Poultry Supplies.

| | | |
|--|-------------------------|-----------------|
| Crushed Oyster Shells..... | per 100 lbs. | \$.50 |
| XXX Crystal Granite Grit for Poultry | " " | 1.00 |
| XX Crystal Granite Grit for Chickens..... | " " | 1.00 |
| Crushed Bone | " " | 2.25 |
| Bone Meal for Chicks..... | " " | 2.50 |
| Bowker's Animal Meal | " " | 2.25 |
| Beef Scraps..... | " " | 2.00 |
| Clover Meal | " " | 2.00 |
| Wheat | per bu. | 1.00 |
| Buckwheat | " " | .85 |
| State Corn..... | " " | .70 |
| Cracked Corn..... | per lb. | .02 |
| Millet | per bu. | 1.00 |
| Sunflower Seeds..... | per 100 lbs. | 4.00 |
| Pure Persian Insect Powder..... | per lb. | .40 |
| Lambert's Death to Lice..... | 15 oz. size | .25 |
| " " " | 48 " | .50 |
| " " " | 100 " | 1.00 |
| Sheriden's Condition Powder | small | .25 |
| " " " | large | .85 |
| Pratt's Poultry Food | | .25 and .60 |
| Prolific " " | all sizes, 25, .50, .90 | |
| Pratt's Stock Food..... | per sack | .75 |
| Roup Pills | per box | .25 |
| Pat. Stoneware Fountains | 1/2 gal. | .30 |
| " " " | 1 " | .40 |
| " " " | 2 " | .60 |
| Giv'niz'd Non-Freezing Fountain..... | 1 " | .50 |
| do " " | 2 " | .60 |
| Feeding Troughs | | .75, 1.00, 1.50 |
| Wire Hen's Nests, per doz., \$2.00 | each | .25 |
| China Nest Eggs | per doz. | .30 |
| Jumbo Powder Gun | | .25 |
| Philadelphia Caponizing Sets..... | | 2.00, 2.50 |
| " Poultry Markers..... | | .25 |
| Leg Bands | per doz. | .25 |
| Thermometers for Incubators | | .50, .75 |
| Poultry Netting, all sizes..... | at market prices | |
| Special prices for quantities. | | |
| Banner Root Cutters for Pulley... | | \$5.00 |

Pigeon Supplies.

| | | |
|-------------------------|------------------------|--------|
| H. O. Pigeon Food | per lb. | \$.03 |
| Clay Nests..... | each | .15 |
| Canada Peas..... | per bu. 1.30; per qt., | .05 |
| Millet | per lb. | .05 |

Bird Seed and Supplies.

| | | |
|-------------------------------------|---------------------------|-----|
| Canary, best quality | 3 lbs. for \$.25; lb. \$ | .10 |
| Parrot Seed | " " | .10 |
| Hemp, recleaned..... | " " | .10 |
| Unhulled Rice..... | " " | .10 |
| Sunflower | " " | .10 |
| Rape | " " | .10 |
| Millet | " " | .10 |
| Maw | " " | .25 |
| Silver Washed Gravel | 2 for .25; pkg. | .10 |
| Sheppard's Song Restorer..... | | .25 |
| McAllister's Mocking Bird Food..... | | .30 |
| " Bird Lice Destroyer..... | | .25 |
| Lettuce Seed for Birds..... | | .05 |
| Cuttle Bone..... | per oz. | .25 |
| 3 lbs. Bird Seed Mixed for .. | | .25 |
| Fish Food, package | | .10 |

Green Bone Cutters.

| | | |
|--|--|---------|
| Mann's Green Bone Cutters No. 1 Crank..... | | \$ 6.00 |
| " " " " " 1 Bal. wheel | | 8.00 |
| " " " " " 1 " mtd. | | 11.00 |
| " " " " " 4 " " | | 12.00 |
| " " " " " 4 " " mtd. | | 15.00 |
| " " " " " 2 " " | | 18.00 |
| Webster & Hannum Bone Mills No. 1 Bal. whl. | | 7.00 |
| " " " " " 2 " " | | 11.00 |
| " " " " " 6 " mtd. | | 15.00 |
| " " " " " 3 " " | | 30.00 |

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| | |
|--|---------|
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| No. 1—103 " " complete..... | 21.00 |
| No. 2—216 " " | 30.00 |
| No. 3—324 " " | 35.00 |
| No. 4—648 " " | 55.00 |

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| | |
|---|---------|
| No. 0— 56 Chick Capacity, made to order.. | \$ 8.00 |
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| No. 2—200 " " | 15.00 |
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| Jordan Brooders, each | 5.00 |

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